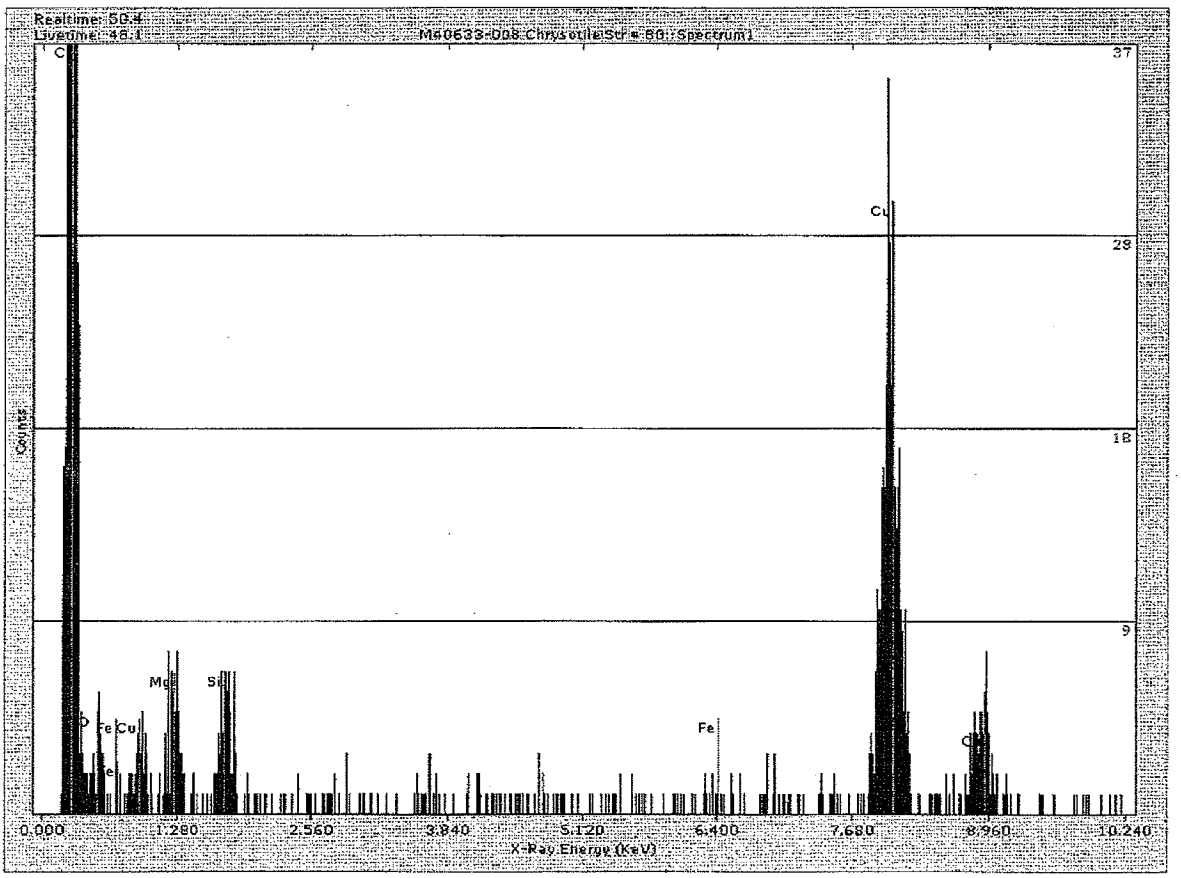
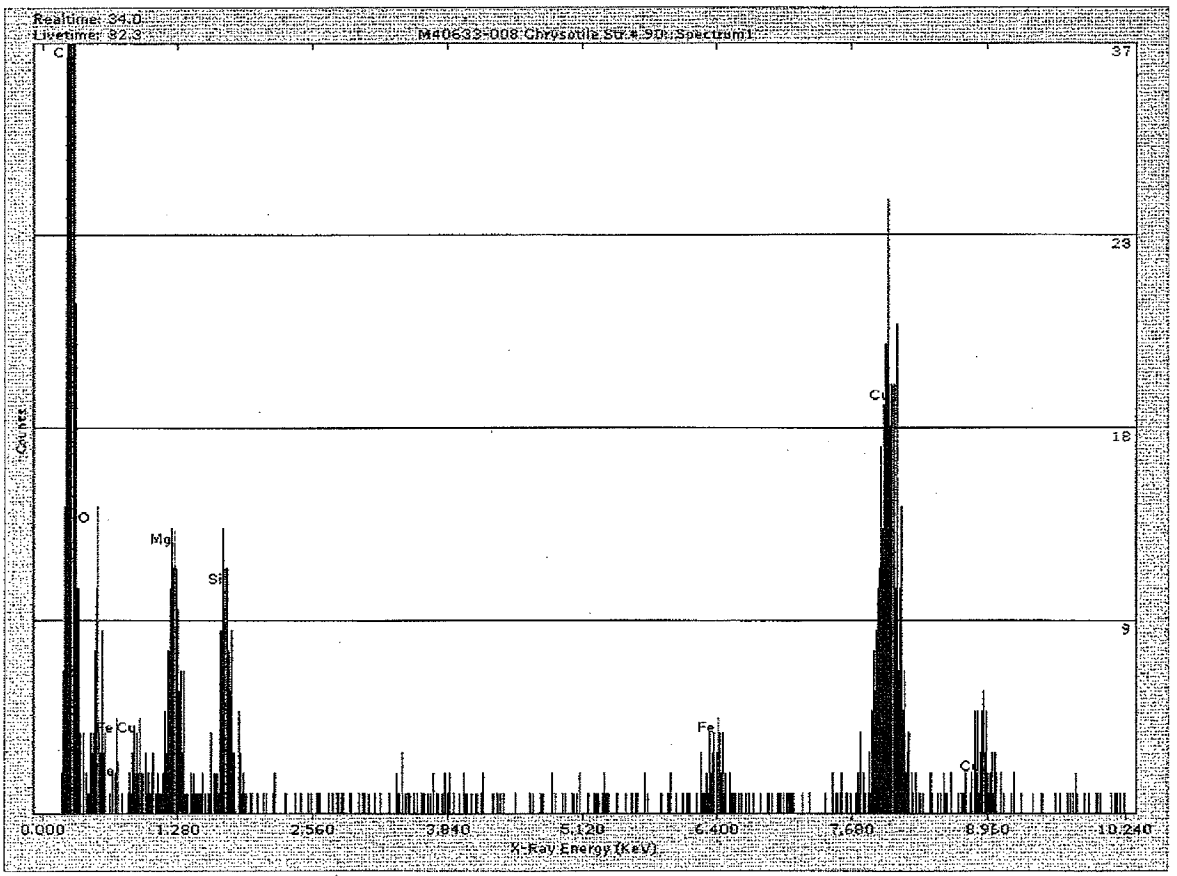
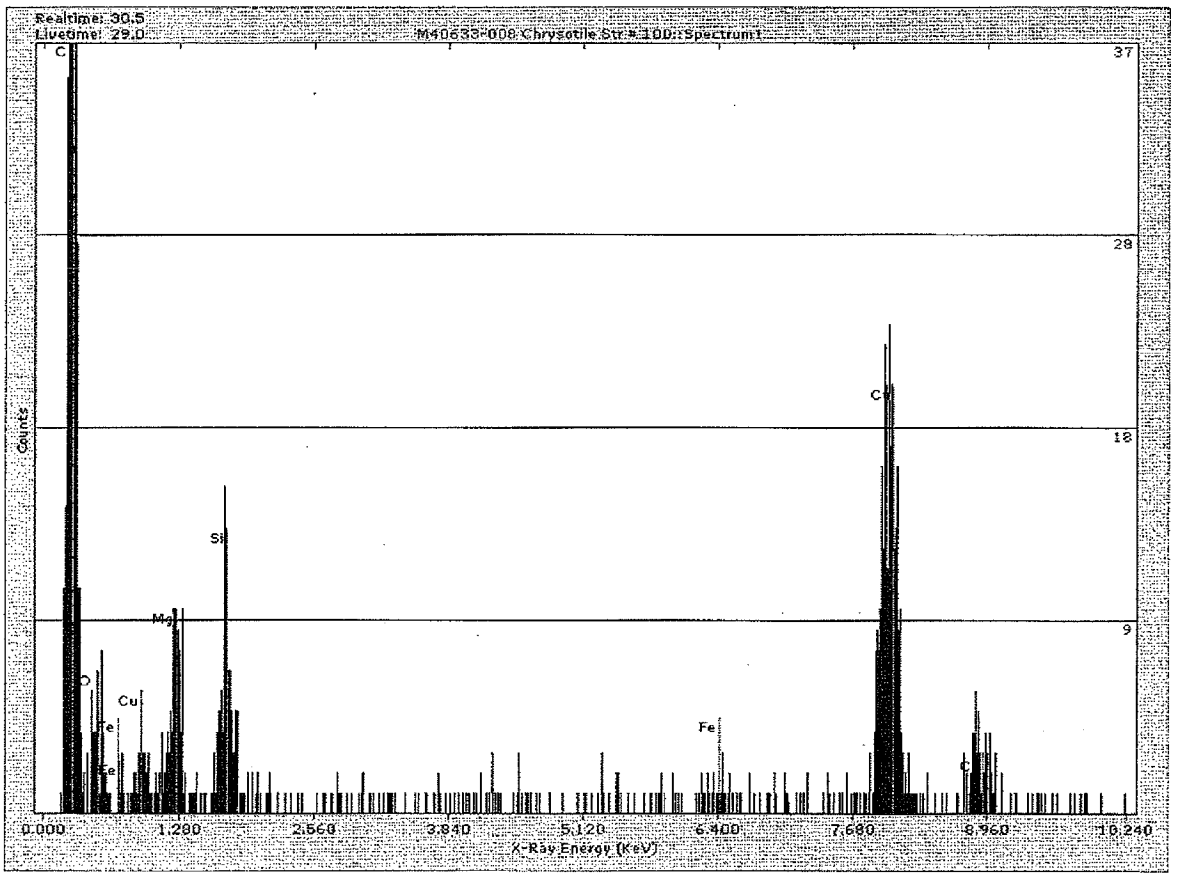
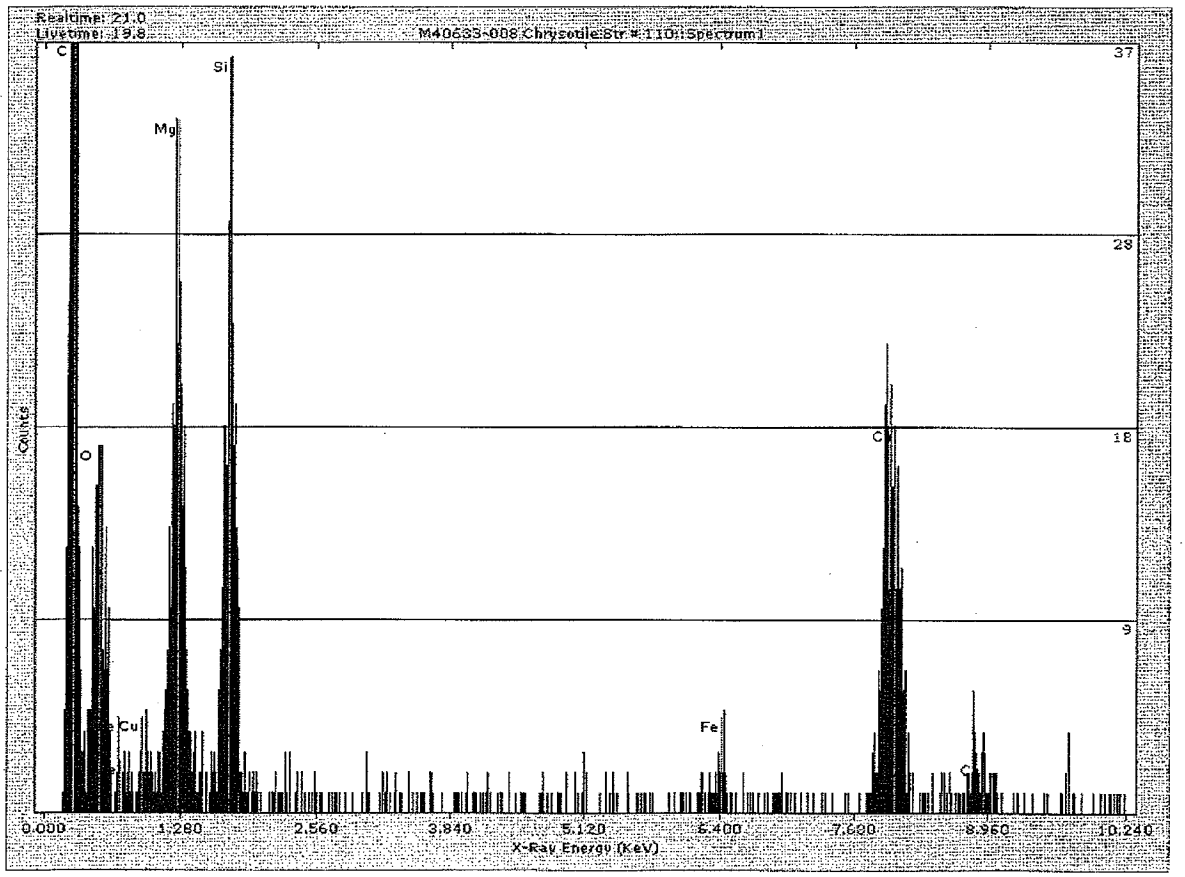
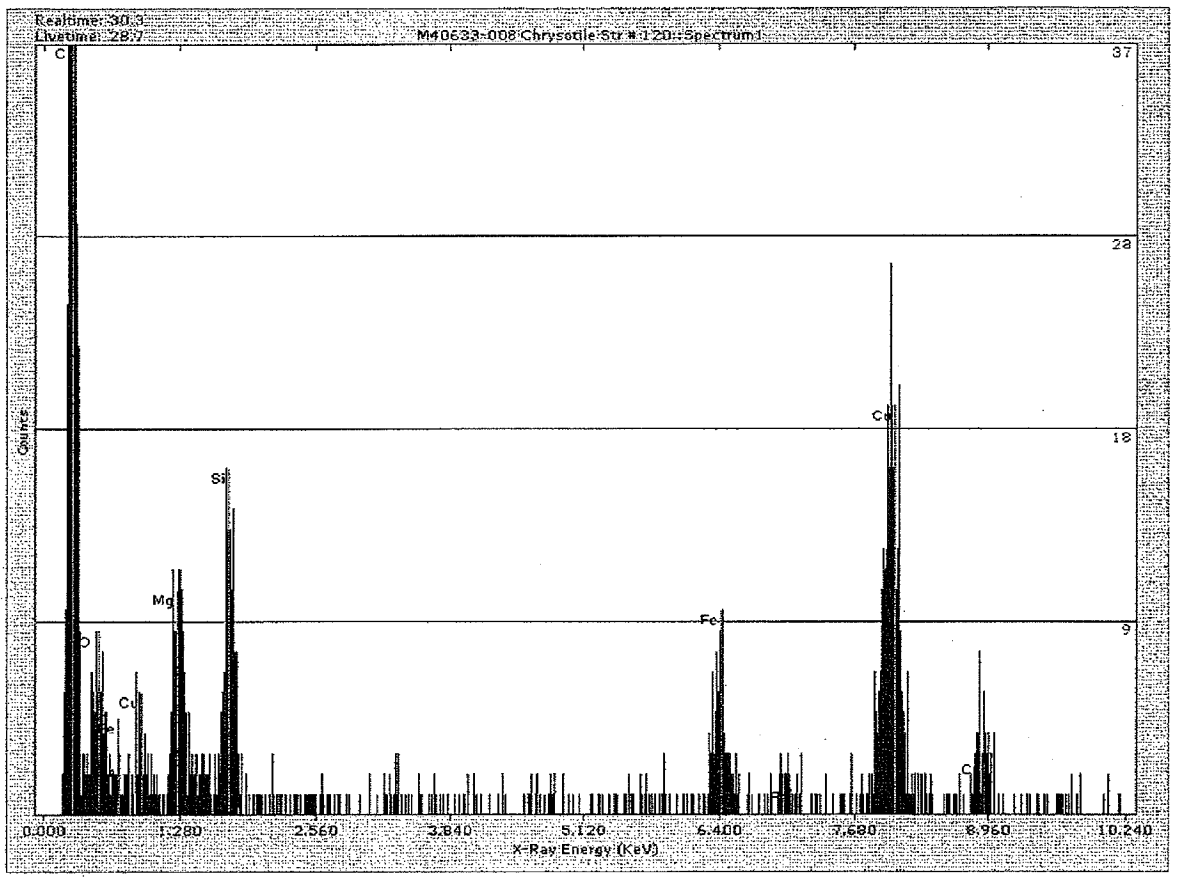
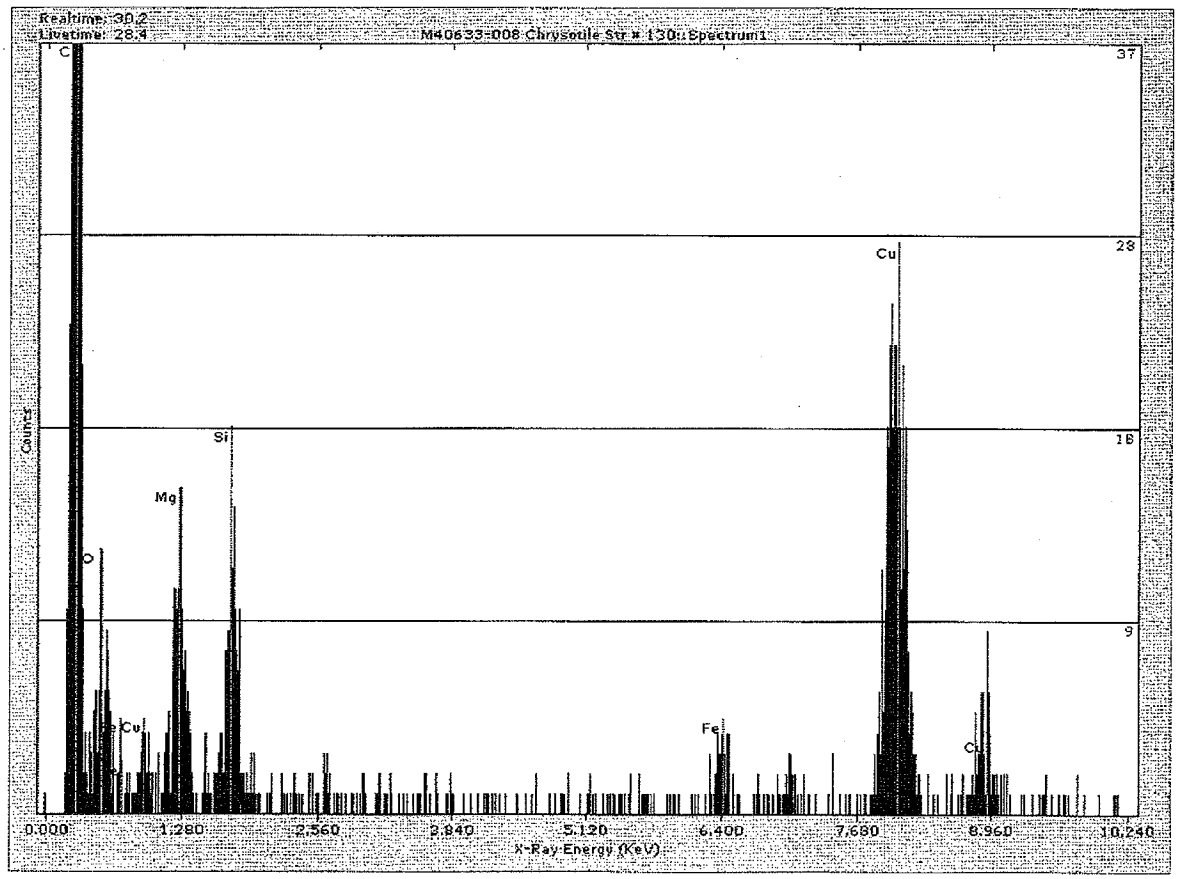

Realtime: 50.4
Livetime: 48.1
M40633-008 Chrysotile Sr = 60 : Spectrum1
C
Cu
37
28
18
9
Counts
Mg
Si
P
Fe
Cu
Ca
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)


Realtime: 84.0
Livetime: 82.3
M40633-008 Chrysotile Str.#90 Spectrum1
C
O
Mg
Si
Fe
Cu
Cl
Fe
Cu
37
28
18
9
Counts
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (keV)


Realtime: 30.5
Livetime: 29.0
M40633-008 Chrysotile Str.*.10D::Spectrum1
Counts
37
28
18
9
C
O
Mg
Si
Cu
Fe
Fe
Fe
Cu
C
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)


Realtime: 21.0
Livetime: 19.8
M40633-008 Chrysotile Str # 110: Spectrum1
C
Si
Mg
O
Cu
Fe
Cl
Ca
37
28
18
9
Counts
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)


Realtime: 30.3
Livetime: 28.7
M40633-008 Chrysotile Str # 120 - Spectrum 1
C
O
Mg
Si
Cu
Fe
Ca
37
28
18
9
Counts
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)


Realtime: 30.2
Livetime: 28.4
M40633-008 Chrysotile Str # 130: Spectrum1
Counts
37
28
18
9
C
O
Mg
Si
Cu
Fe
Cl
Cu
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)

Public Works Building and Annex

611 Walker Street

TEM DUST ANALYSIS M40633 009

Dies and Hile, LLP
Houston and Amarillo

Client Sample ID: 9

Sample Area/ Volume:	100 cm2	Date Analyzed:	10/11/2006
Filter Type:	MCE 47mm	Analyst:	Kevin Simpson
Pore size:	0.45	Scope Number:	3
Effective Filter Area:	1297	Accelerating Voltage:	100 KV
Sample type:	Dust	Indicated Mag:	25 KX
Analysis type:	Dust	Screen Mag:	20 KX
Grid Acceptance	Yes 5 %	Grid_box:	7186

Str < 5um:	10	Number of grids:	2	#1: 106	#3: 105	Average Grid Size:	0.010920
Str ≥5um:	0	Number of openings:	10	#2: 104	#4: 103	Total Area Analyzed:	0.109
Total Str:	10						

Volume Filtered 2 ml
Dilution Factor 50

Str / sqr ft	5.517E+07	Str / cm2	5.939E+04
Str / sqr ft >=5	0.000E+00	Str / cm2 >=5	0.000E+00

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
1	A1-B3	C	F	2.50	0.10	X	X	☑	☐	☐
	B4		NSD					☐	☐	☐
	B5		NSD					☐	☐	☐
2	B6	C	M-F	0.50	0.05	X	M36327	☑	☐	☐
3		C	F	0.60	5.00	X	X	☑	☐	☐
4		C	F	2.20	0.10	X	X	☑	☐	☐
5		C	F	0.80	0.10	X	X	☑	☐	☐
	B7		NSD					☐	☐	☐
	A2-I3		NSD					☐	☐	☐
6	H3	C	F	0.90	0.10	X	X	☑	☐	☐
7		C	F	3.00	0.10	X	X	☑	☐	☐
8	G3	C	F	3.60	0.05	X	X	☑	☐	☐
9	F3	C	F	0.90	0.10	X	X	☑	☐	☐

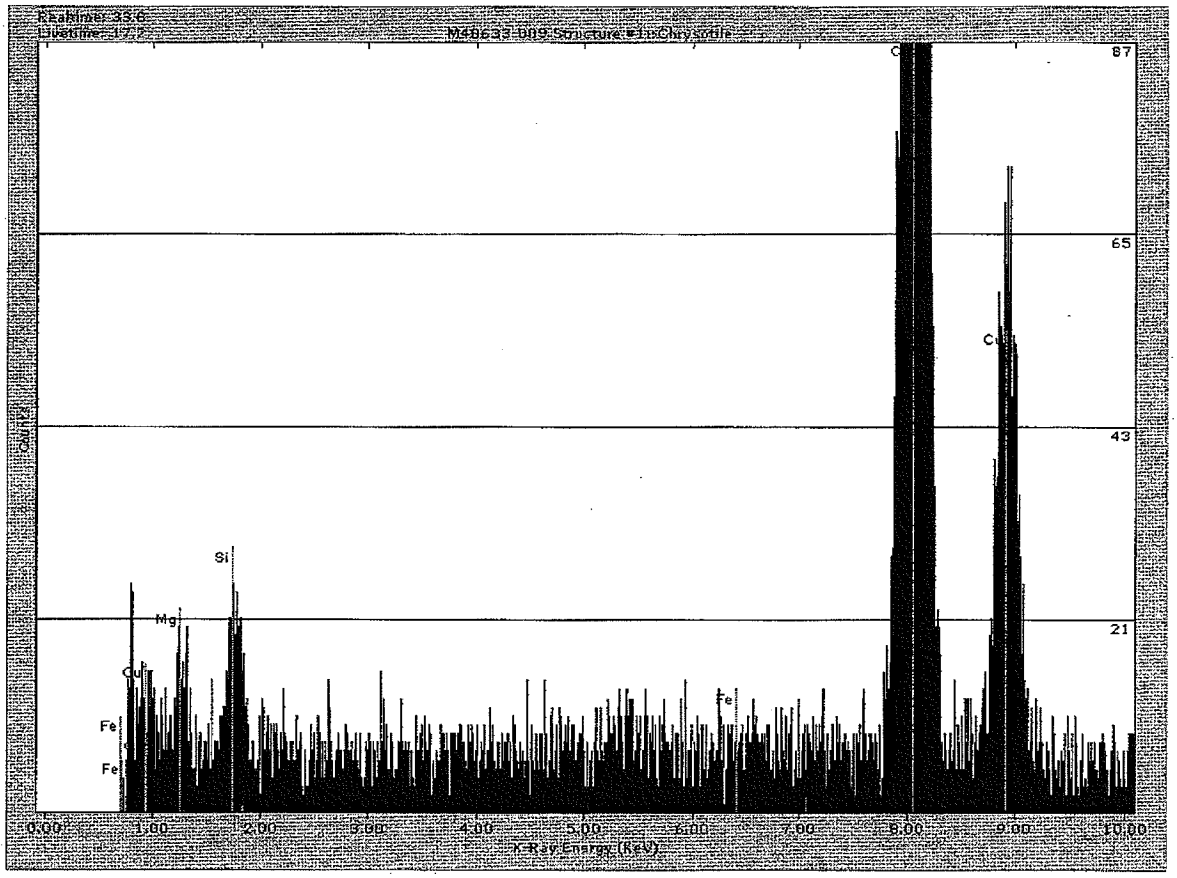
C - Chrysotile
TR - Tremolite
CR - Crocidolite
AN - Anthophyllite
AC - Actinolite

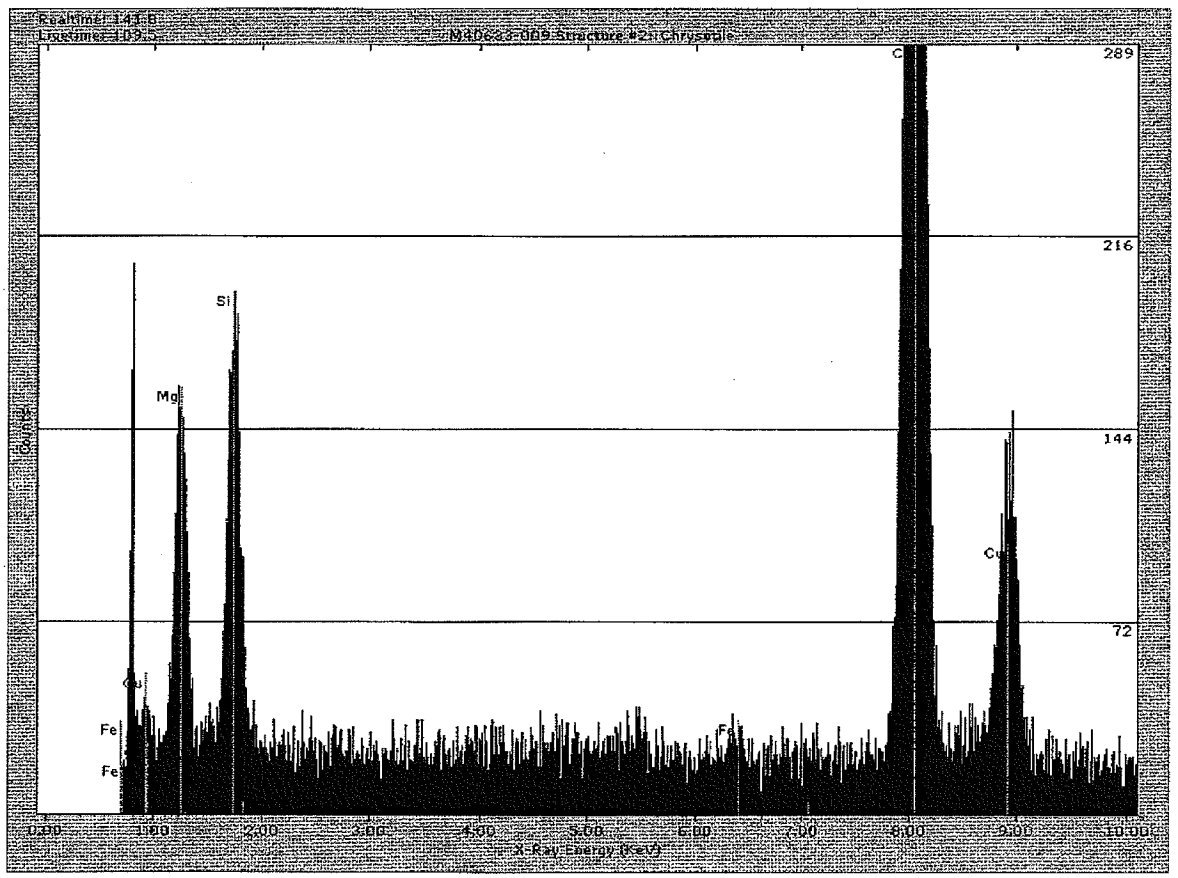
NSD - No Structure Detected
F - Fiber
B - Bundle
M - Matrix
C - Cluster

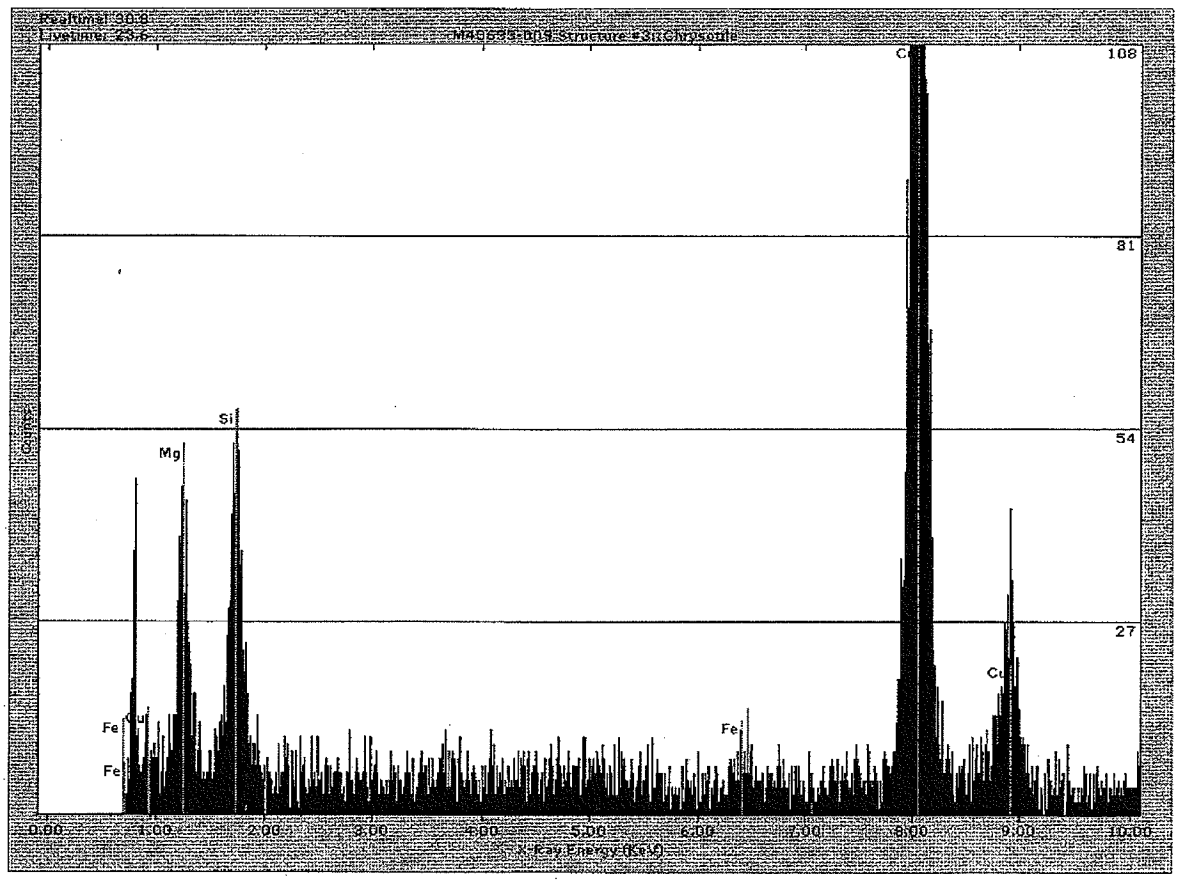
Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
10	E3	C	F	2.00	0.10	X	X	☑	☐	☐
									M40633	009

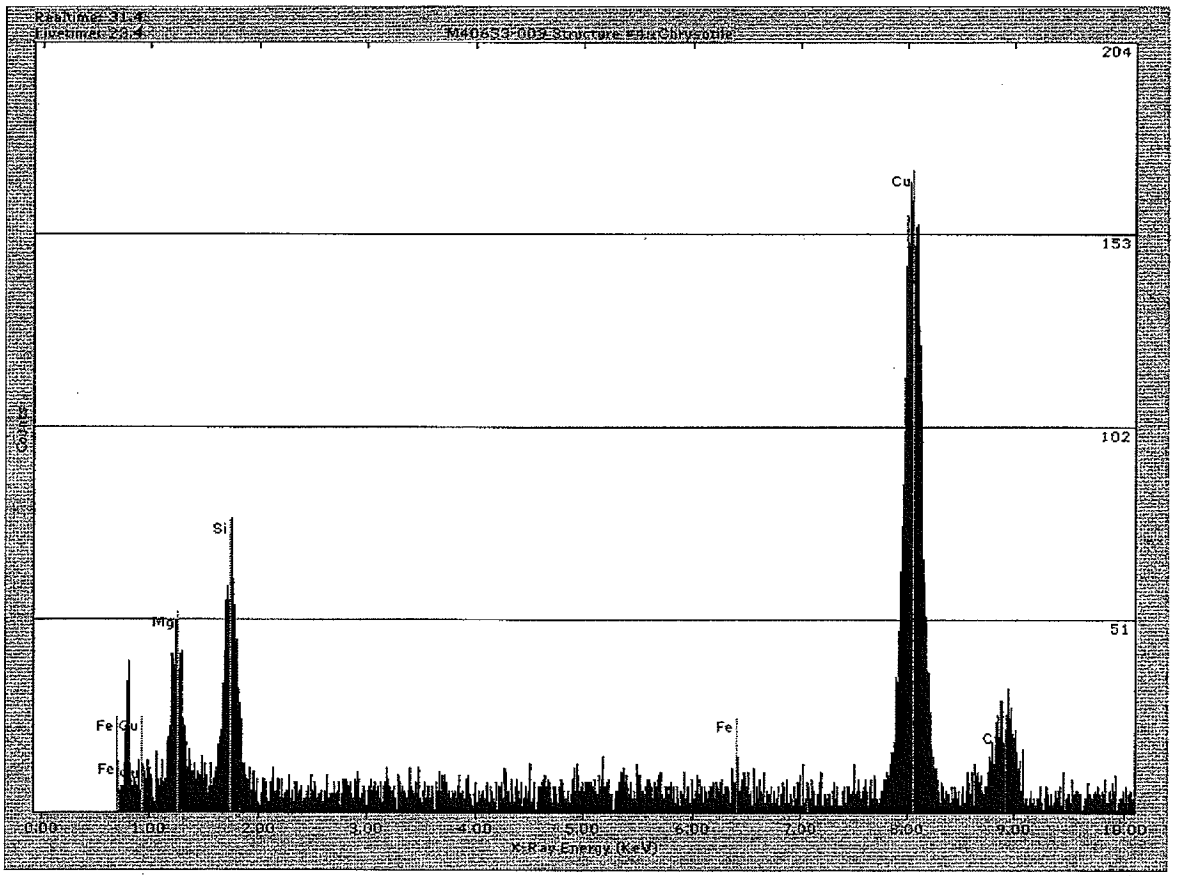
C - Chrysotile
TR - Tremolite
CR - Crocidolite
AN - Anthophyllite
AC - Actinolite

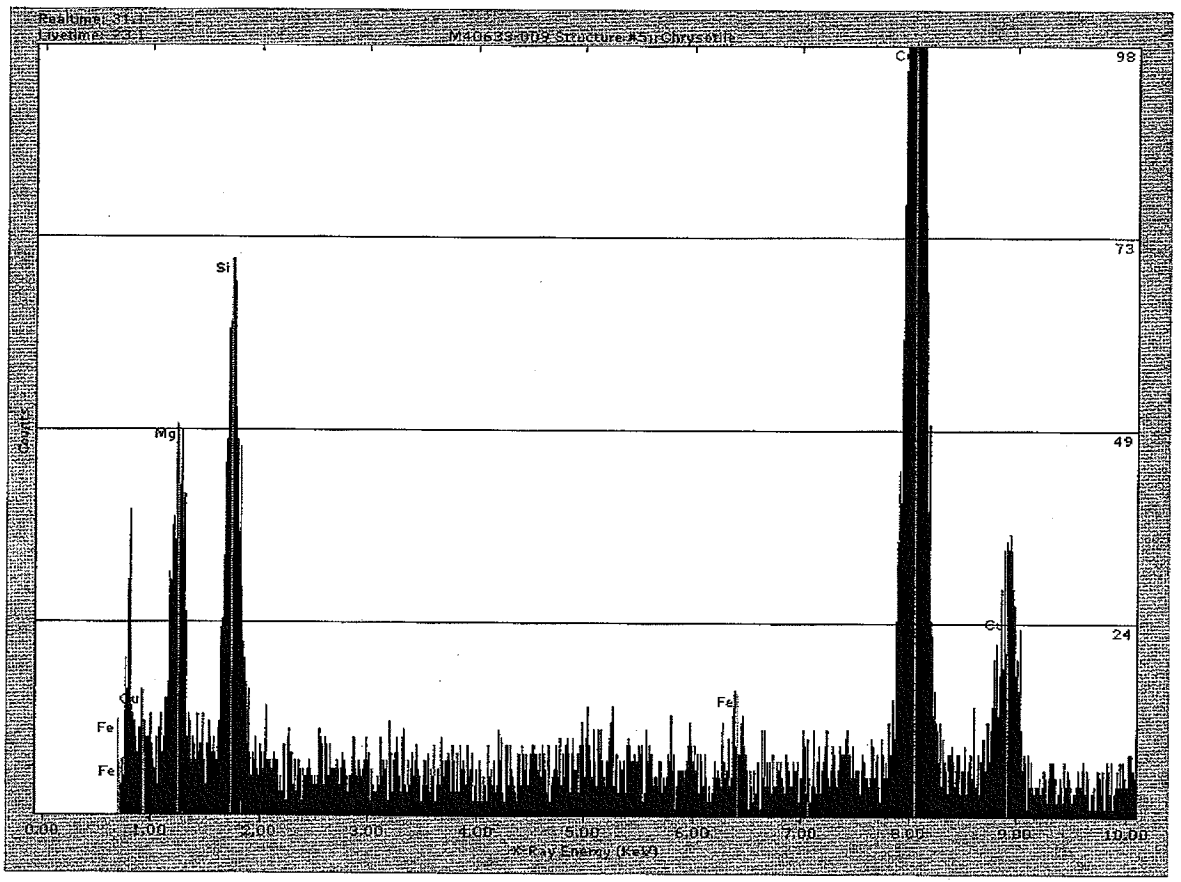
NSD - No Structure Detected
F - Fiber
B - Bundle
M - Matrix
C - Cluster

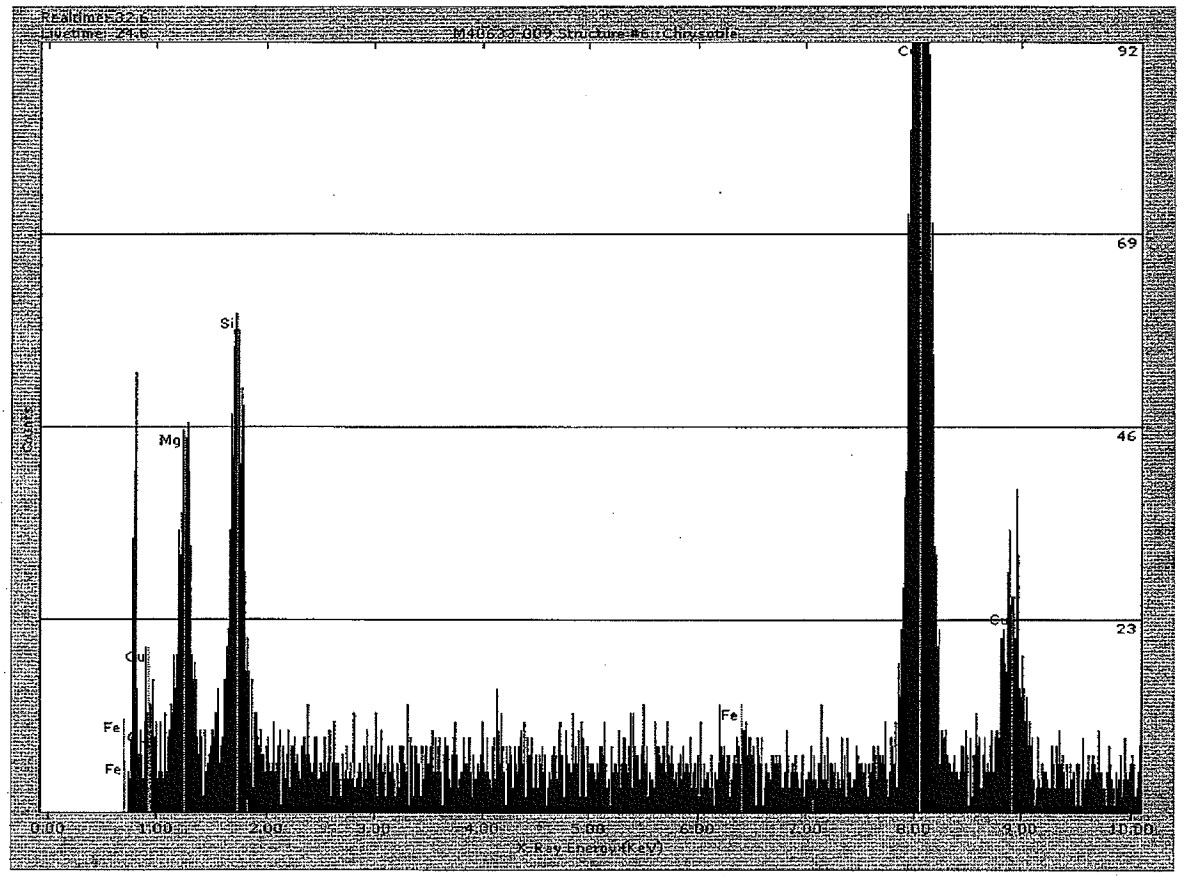

Realtime: 33.6
Livetime: 17.7
M48633-009 Structure #1: Chrysotile
Counts
87
65
43
21
Cl
Si
Mg
Ca
Fe
Fe
Fe
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (KeV)

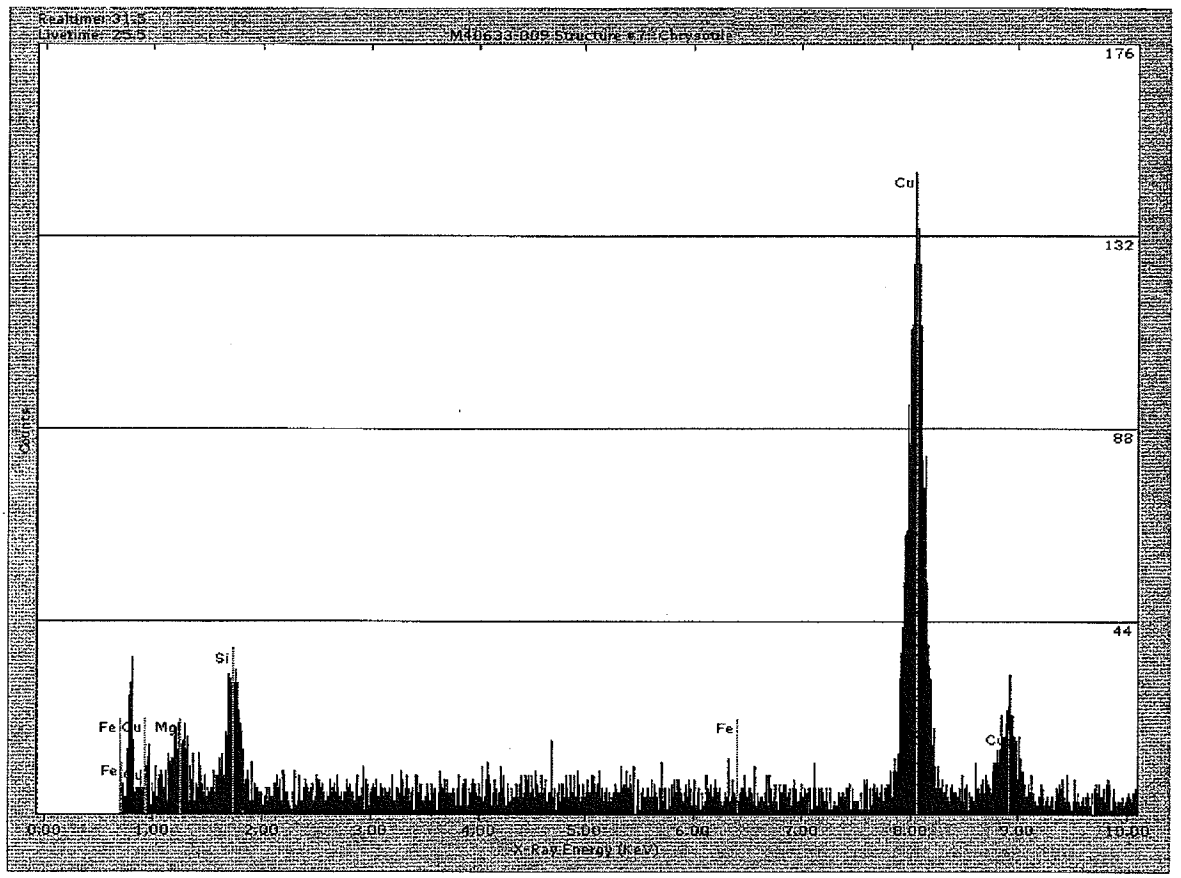

Realtime: 141.8
Livetime: 109.5
M4D633-009 Structure #2: Chrysotile
C
289
216
144
72
Si
Mg
Ca
Cu
Ca
Fe
Fe
Fe
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (keV)

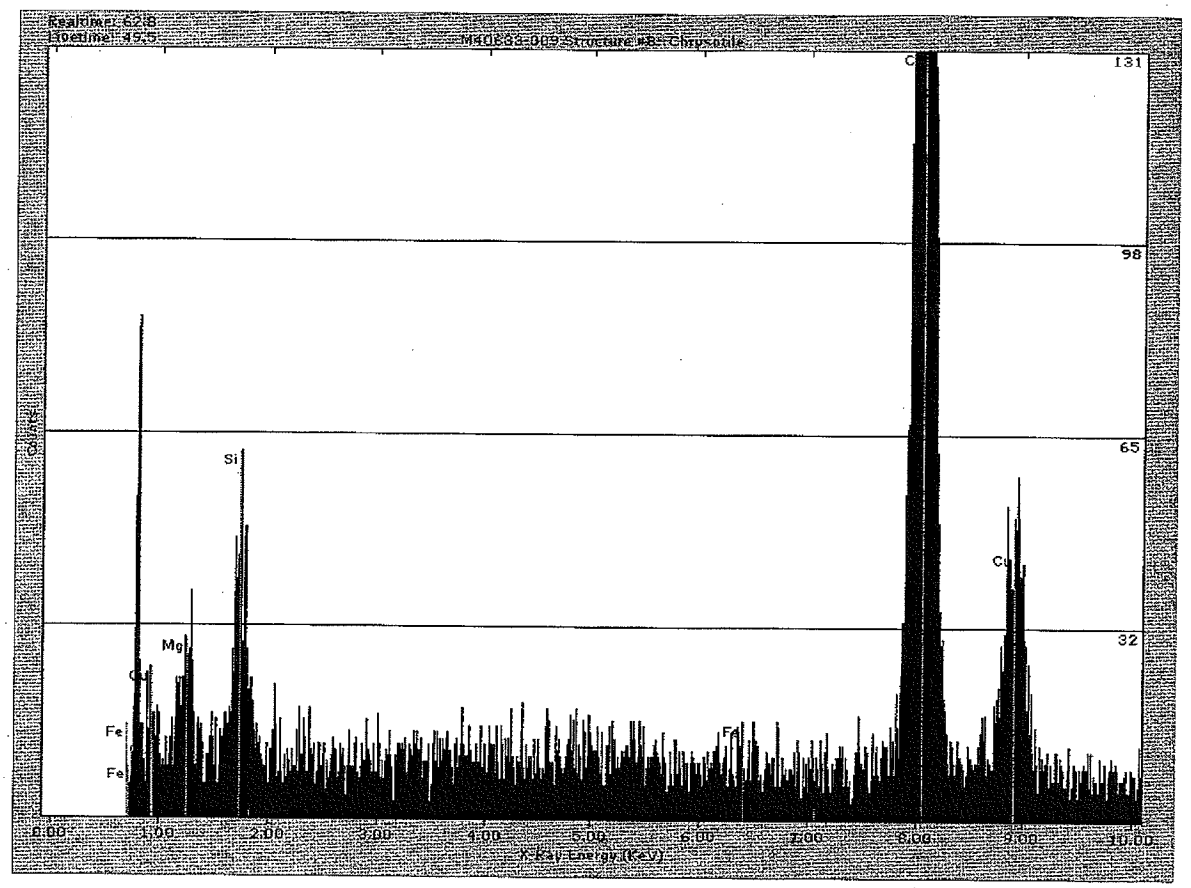

Realtime: 30:8
Livetime: 29:6
MAG693-013 Structure #3/Chrysotile
Counts
108
81
54
27
Si
Mg
Fe
Cu
Fe
Fe
Cu
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (KeV)

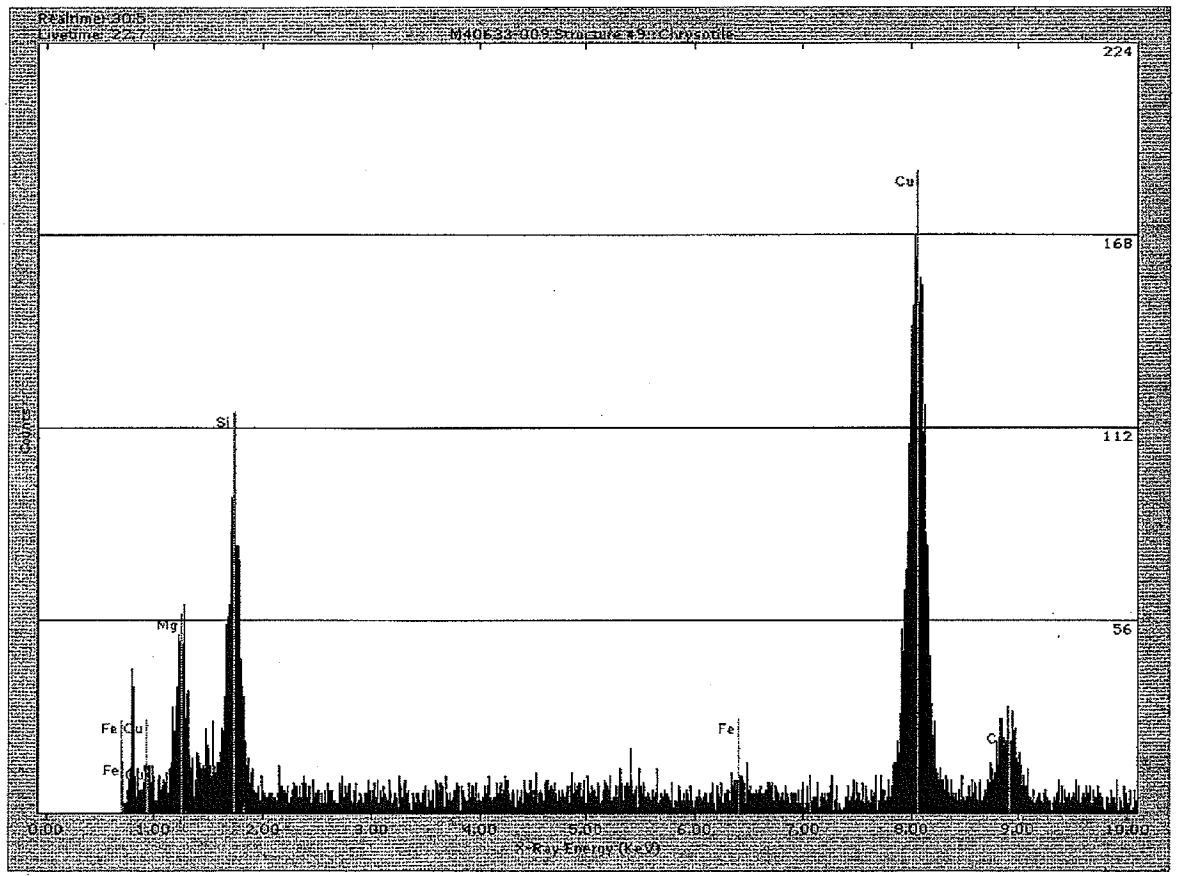

M40659-003 Structure Fiber Chrysotile
204
153
102
51
Counts
Cu
Si
Mg
Fe
Cu
Fe
Fe
Cl
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (KeV)

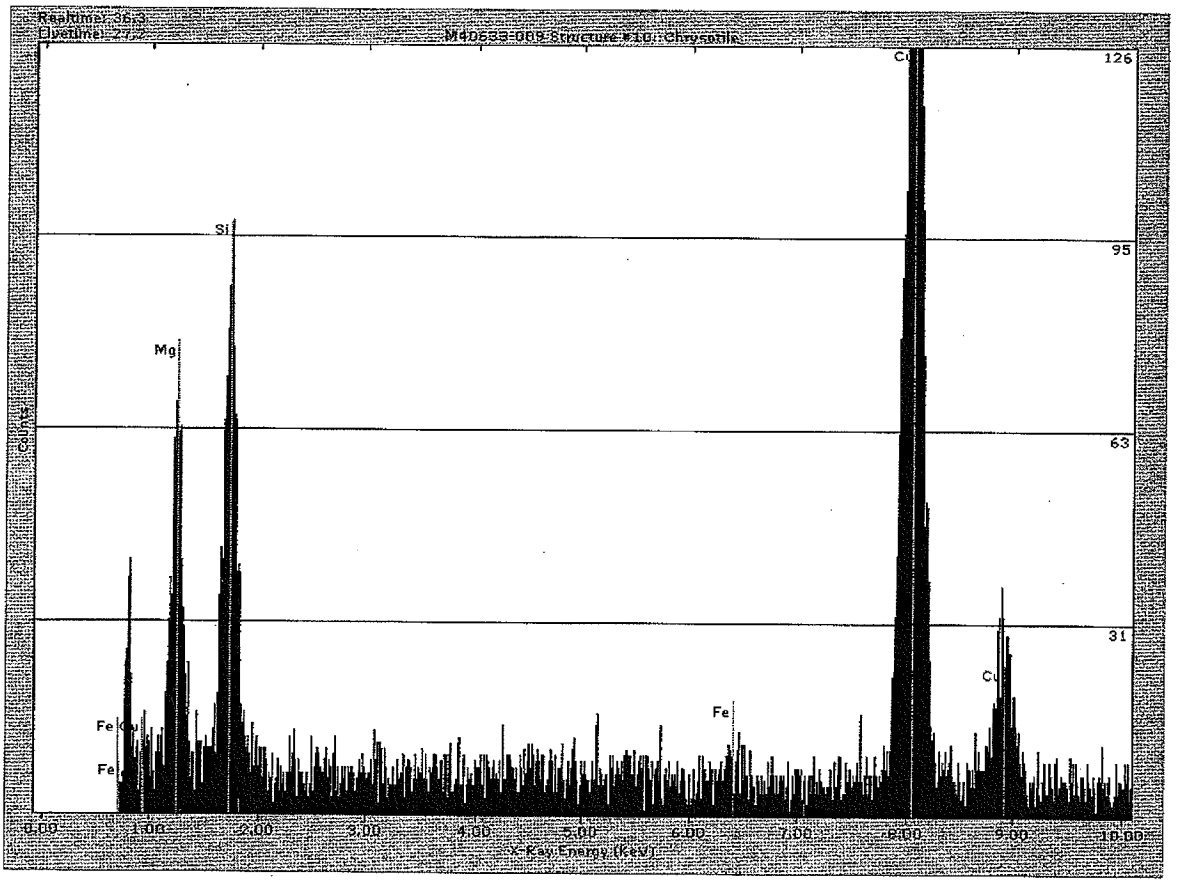

Realtime: 31.1
Livetime: 23.1
M40639-009 Structure #5 Chrysotile
Counts
Si
Mg
Cu
Fe
Fe
Fe
Ca
Ca
98
73
49
24
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (KeV)


Realtime: 82.6
Livetime: 24.6
M40632-009 Structure #6 : Chrysotile
Counts
92
69
46
23
Si
Mg
Cu
Fe
Fe
Fe
Cl
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (Key)


Realtime: 31.5
Livetime: 25.5
M40633-009 Structure 67 - Chrysocolla
176
132
88
44
Counts
Cu
Si
Fe
Cu
Mg
Fe
Cu
Fe
Cu
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (keV)


Realtime: 62s
Livetime: 49.5
M40833-009 Structure #8: Chrysotile
Counts
131
98
65
32
Si
Mg
Fe
Fe
Fe
Cu
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (KeV)


Realtime: 30.5
Livetime: 27
M40633-009 Structure #9 - Chrysotile
224
168
112
56
Cu
Si
Mg
Fe
Cu
Fe
Cu
Fe
Cu
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (KeV)


Realtime: 36.3
Livetime: 27.2
M4D633-009 Structure #10: Chrysotile
Cu
126
95
63
31
Si
Mg
Fe
Fe
Fe
Cu
Counts
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (keV)

TEM DUST ANALYSIS M40633 010

Dies and Hile, LLP
Houston and Amarillo

Client Sample ID: PWB 2

Sample Area/ Volume:	100 cm2	Date Analyzed:	10/20/2006
Filter Type:	MCE 47mm	Analyst:	MDMOUNT
Pore size:	0.45	Scope Number:	2
Effective Filter Area:	1297	Accelerating Voltage:	100 KV
Sample type:	Dust	Indicated Mag:	25 KX
Analysis type:	Dust	Screen Mag:	20 KX
Grid Acceptance	YES 3 %	Grid_box:	7195

Str <5um:	65	Number of grids:	2	#1: 100	#3: 100	Average Grid Size:	0.010000
Str ≥5um:	11	Number of openings:	10	#2: 100	#4: 100	Total Area Analyzed:	0.100
Total Str:	76						

Volume Filtered 0.08 ml
Dilution Factor 1250

Str / sqr ft 1.145E+10 Str / cm2 1.232E+07
Str / sqr ft >=5 1.657E+09 Str / cm2 >=5 1.783E+06

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
1	B7-E2	C	M-B	2.80	0.02	X	M25820	☑	☐	☐
2		C	F	2.10	0.05	X	X	☑	☐	☐
3		C	M-F	2.00	0.05	X	X	☑	☐	☐
4		C	C-B	9.00	0.08	X	X	☑	☐	☐
5		C	B	4.60	0.20	X	X	☑	☐	☐
6		C	B	1.20	0.03	X	X	☑	☐	☐
7	D6	C	F	3.60	0.02	X	X	☑	☐	☐
8		C	M-F	1.60	0.02	X	X	☑	☐	☐
9		C	M-B	1.00	0.10	X	X	☑	☐	☐
10		C	M-F	5.60	0.02	X	X	☑	☐	☐
11		C	F	0.80	0.02	X		☐	☐	☐
12		C	B	1.00	0.10	X		☐	☐	☐
13		C	F	2.80	0.03	X		☐	☐	☐

C - Chrysotile
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AN - Anthophyllite
AC - Actinolite

NSD - No Structure Detected
F - Fiber
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M - Matrix
C - Cluster

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
14		C	F	1.00	0.03	X		☐	☐	☐
15	G7	C	F	0.60	0.02	X		☐	☐	☐
16		C	B	2.10	0.15	X		☐	☐	☐
17		C	F	1.00	0.01	X		☐	☐	☐
18		C	B	1.00	0.10	X		☐	☐	☐
19		C	F	1.20	0.03	X		☐	☐	☐
20		C	F	0.80	0.02	X	X	☑	☐	☐
21	G4	C	M-B	1.60	0.10	X		☐	☐	☐
22		C	M-B	5.00	0.20	X		☐	☐	☐
23		C	C-B	4.60	0.20	X		☐	☐	☐
24		C	F	0.80	0.01	X		☐	☐	☐
25		C	M-B	2.50	0.40	X		☐	☐	☐
26	F3	C	M-F	1.80	0.02	X		☐	☐	☐
27		C	B	1.00	0.05	X		☐	☐	☐
28		C	F	7.50	0.03	X		☐	☐	☐
29		C	F	1.00	0.02	X		☐	☐	☐
30		C	C-B	4.10	0.40	X	X	☑	☐	☐
31		C	M-F	1.80	0.02	X		☐	☐	☐
32		C	M-B	2.40	0.10	X		☐	☐	☐
33	B6-C5	C	B	6.40	0.15	X		☐	☐	☐
34		C	M-F	1.00	0.02	X		☐	☐	☐
35		C	F	3.20	0.02	X		☐	☐	☐

C - Chrysotile
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NSD - No Structure Detected
F - Fiber
B - Bundle
M - Matrix
C - Cluster

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
36		C	M-F	4.10	0.03	X		☐	☐	☐
37		C	M-F	1.20	0.02	X		☐	☐	☐
38	D7	C	B	2.30	0.08	X		☐	☐	☐
39		C	M-F	2.00	0.02	X		☐	☐	☐
40		C	F	10.00	0.02	X	X	☑	☐	☐
41		C	M-B	1.80	0.15	X		☐	☐	☐
42		C	C-F	0.80	0.02	X		☐	☐	☐
43		C	NSD	1.00	0.02	X		☐	☐	☐
44		C	M-F	7.20	0.01	X		☐	☐	☐
45		C	B	2.20	0.05	X		☐	☐	☐
46		C	M-B	7.20	0.05	X		☐	☐	☐
47		C	M-B	2.60	0.10	X		☐	☐	☐
48		C	M-B	1.80	0.10	X		☐	☐	☐
49	G7	C	B	1.60	0.02	X		☐	☐	☐
50		C	F	1.00	0.02	X	X	☑	☐	☐
51		C	M-F	1.00	0.01	X		☐	☐	☐
52		C	M-B	4.40	0.20	X		☐	☐	☐
53		C	F	6.00	0.01	X		☐	☐	☐
54		C	F	2.60	0.03	X		☐	☐	☐
55		C	M-F	4.10	0.03	X		☐	☐	☐
56		C	F	1.00	0.02	X		☐	☐	☐
57	G4	C	M-F	1.00	0.02	X		☐	☐	☐

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AN - Anthophyllite
AC - Actinolite

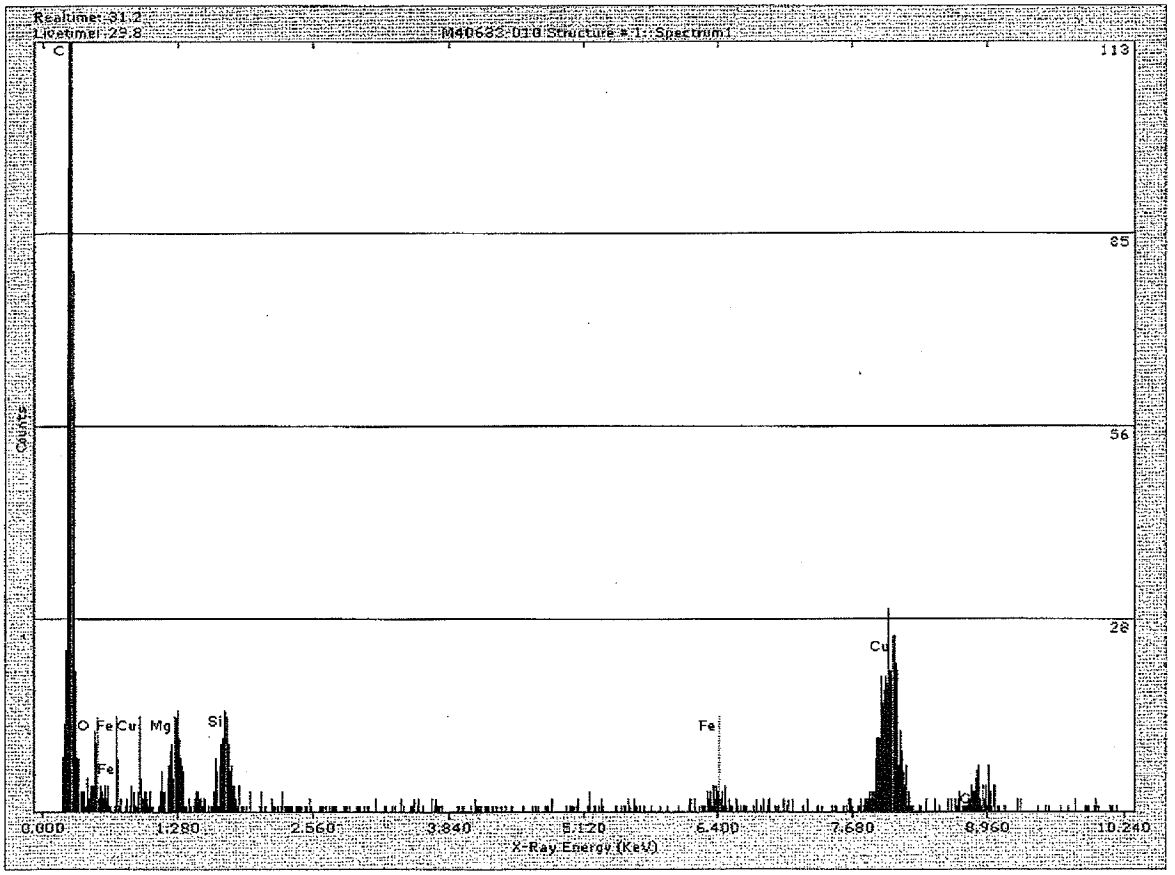
NSD - No Structure Detected
F - Fiber
B - Bundle
M - Matrix
C - Cluster

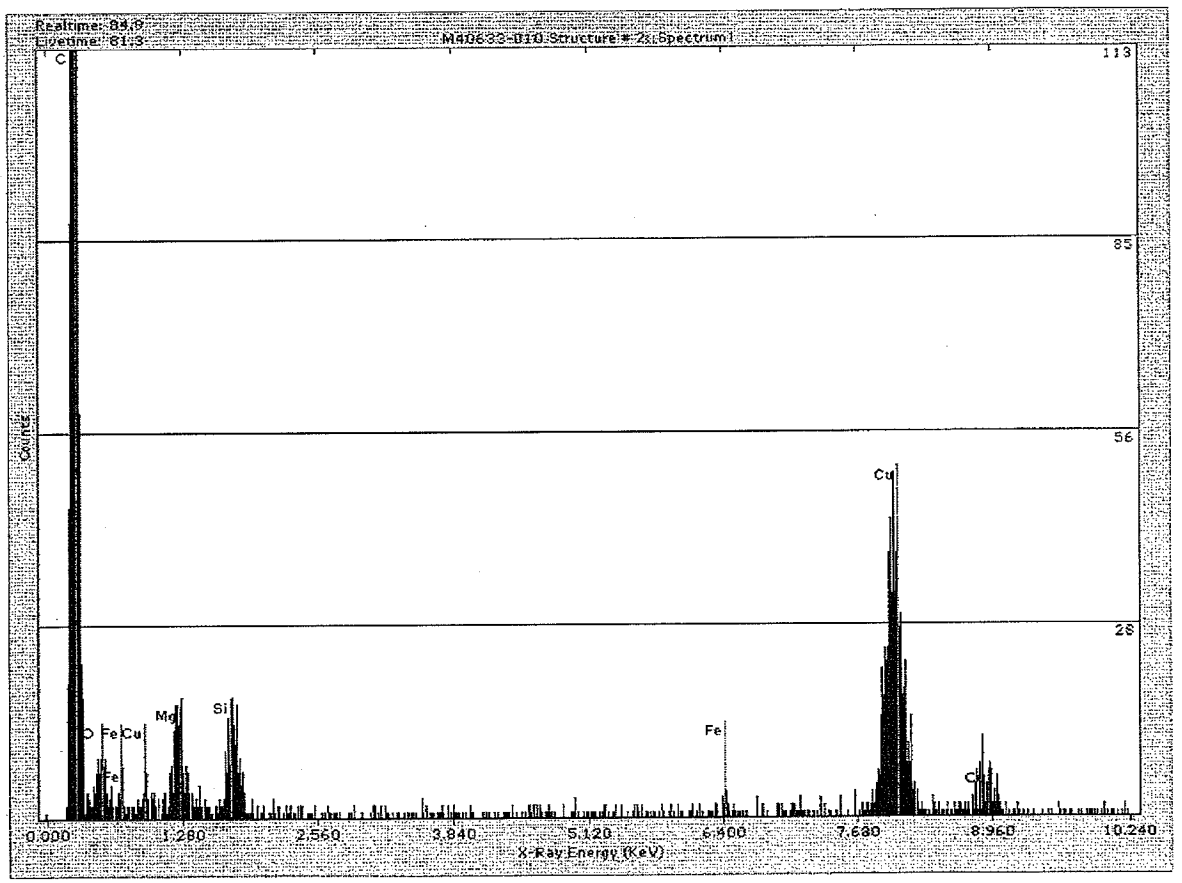
Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
58		C	B	1.40	0.15	X		☐	☐	☐
59		C	M-F	2.00	0.05	X		☐	☐	☐
60		C	B	2.20	0.10	X	X	☑	☐	☐
61		C	F	1.50	0.03	X		☐	☐	☐
62		C	F	0.80	0.01	X		☐	☐	☐
63		C	B	1.20	5.00	X		☐	☐	☐
64		C	B	1.00	0.03	X		☐	☐	☐
65		C	F	1.20	0.02	X		☐	☐	☐
66		C	M-B	0.80	0.02	X		☐	☐	☐
67	F9	C	M-B	2.00	0.02	X		☐	☐	☐
68		C	M-F	3.60	0.02	X		☐	☐	☐
69		C	M-F	1.00	0.03	X		☐	☐	☐
70		C	M-F	7.00	0.02	X	X	☑	☐	☐
71		C	B	6.00	1.00	X		☐	☐	☐
72		C	M-B	4.50	0.20	X		☐	☐	☐
73		C	C-B	4.40	0.30	X		☐	☐	☐
74		C	F	2.20	0.01	X		☐	☐	☐
75		C	M-B	2.00	0.25	X		☐	☐	☐
76		C	M-B	1.80	0.20	X		☐	☐	☐

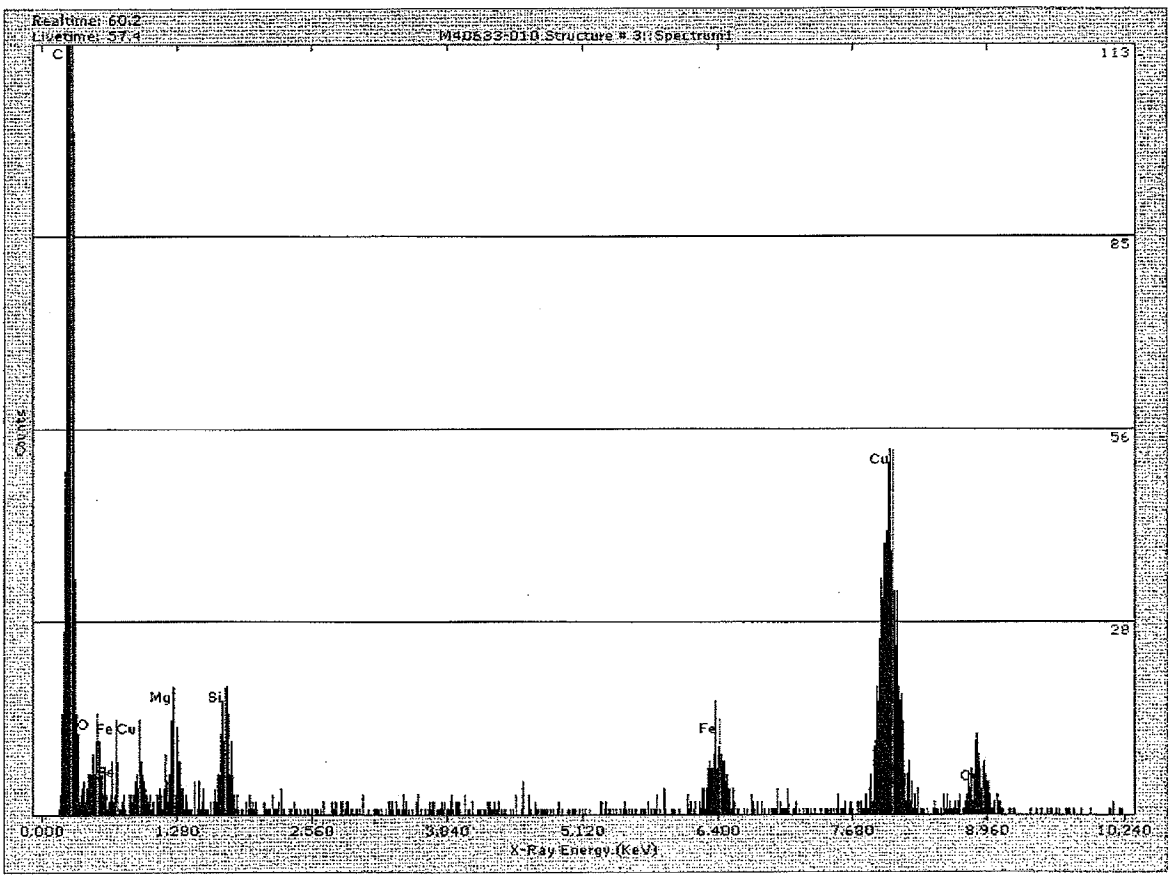
M40633 010

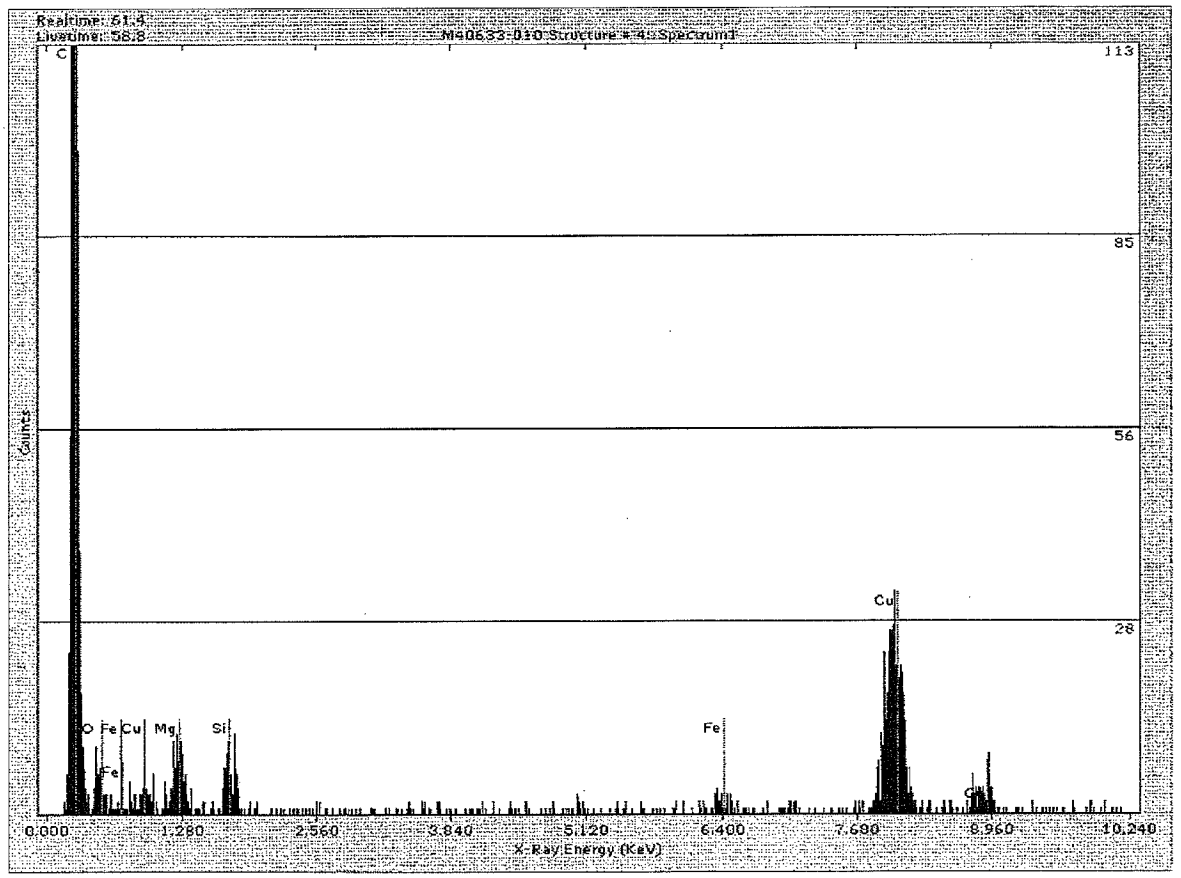
C - Chrysotile
TR - Tremolite
CR - Crocidolite
AN - Anthophyllite
AC - Actinolite

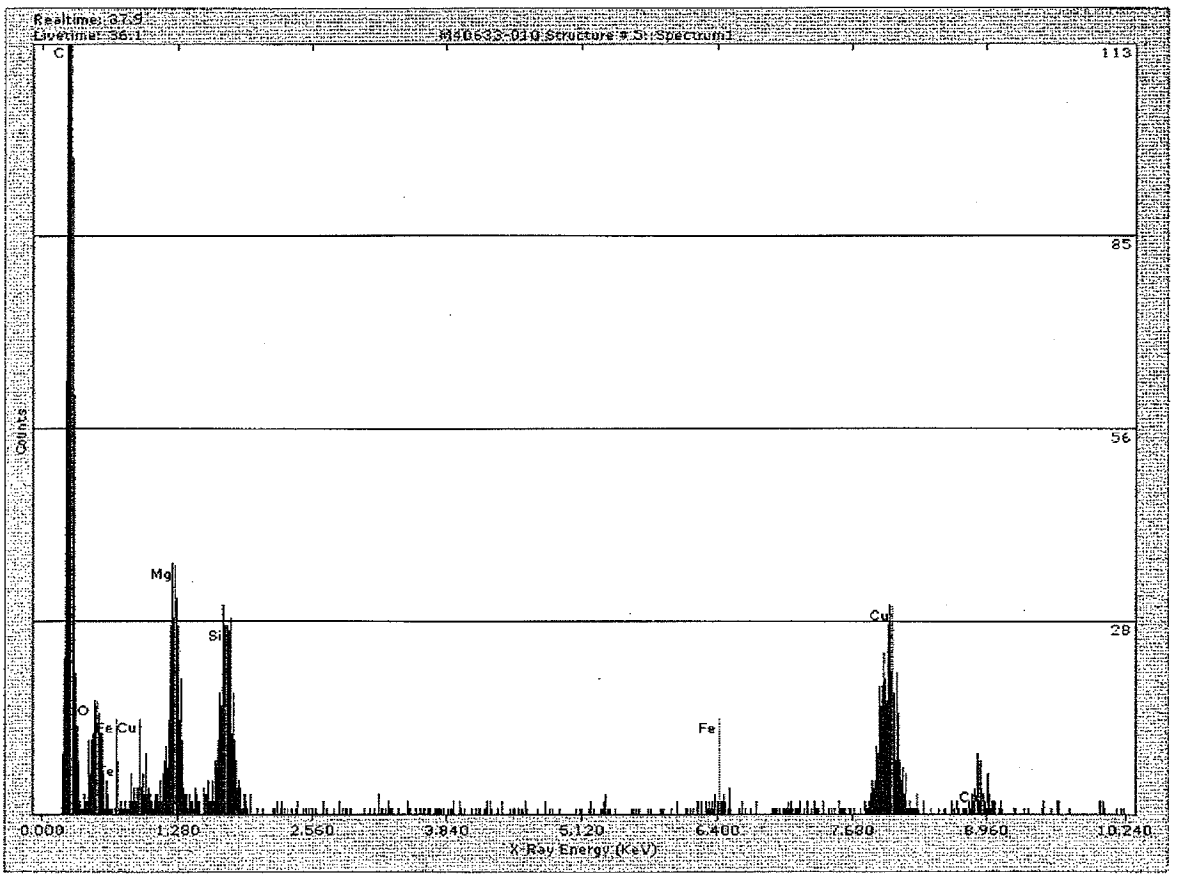
NSD - No Structure Detected
F - Fiber
B - Bundle
M - Matrix
C - Cluster

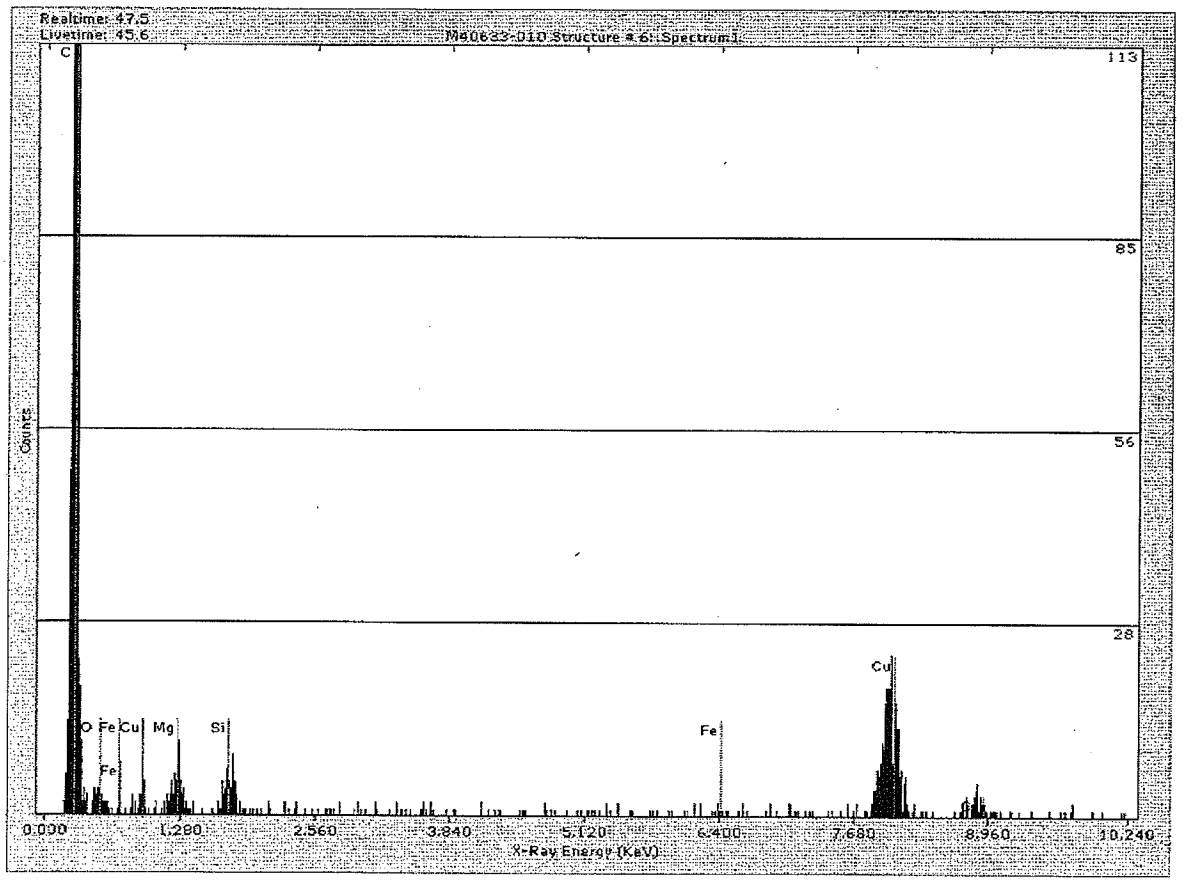

Realtime: 31.2
Livetime: 29.8
M40683-010 Structure = 1 : Spectrum 1
C
O
Fe
Cu
Mg
Si
Fe
Fe
Cu
113
85
56
28
Counts
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)

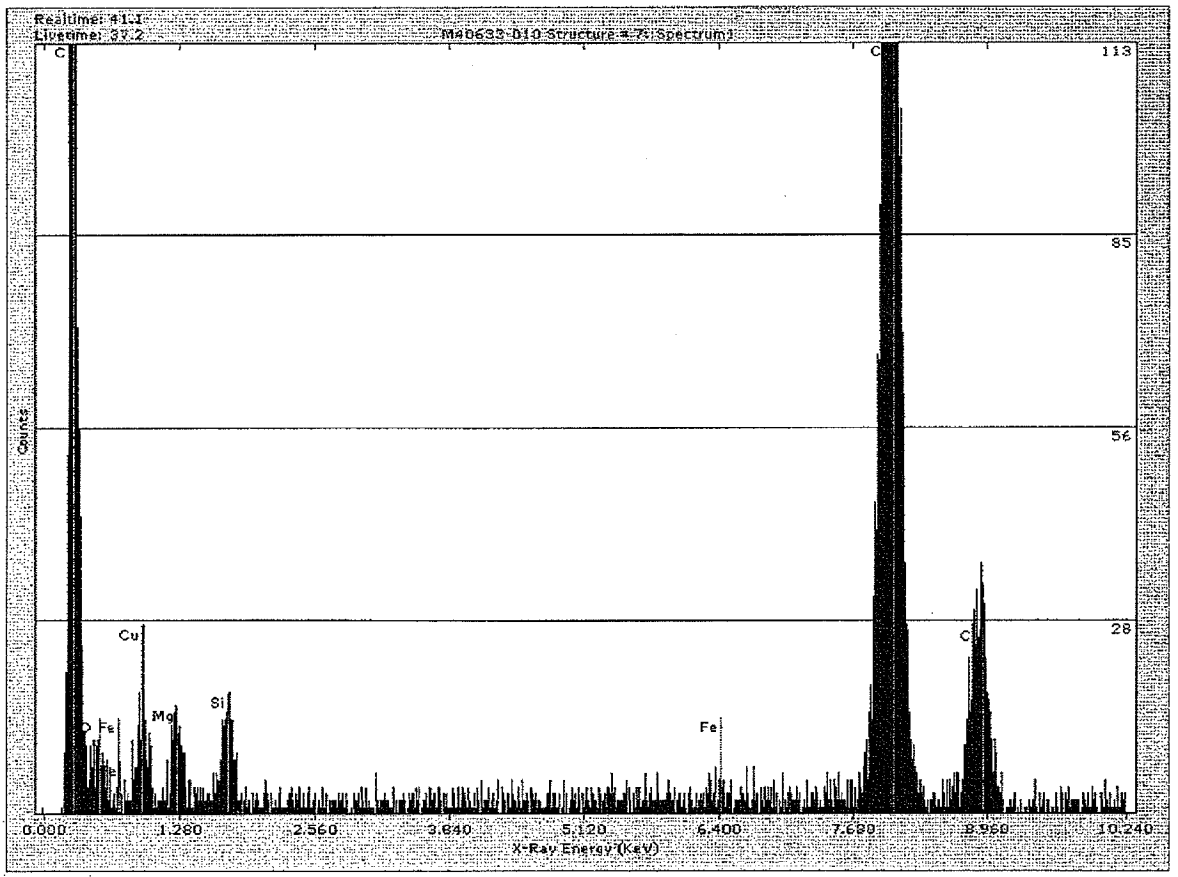

Realtime: 88.0
Livetime: 61.3
M406 33-010 Structure # 2, Spectrum
113
85
56
28
Counts
C
O
Fe
Cu
Fe
Mg
Si
Fe
Cu
Cl
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)

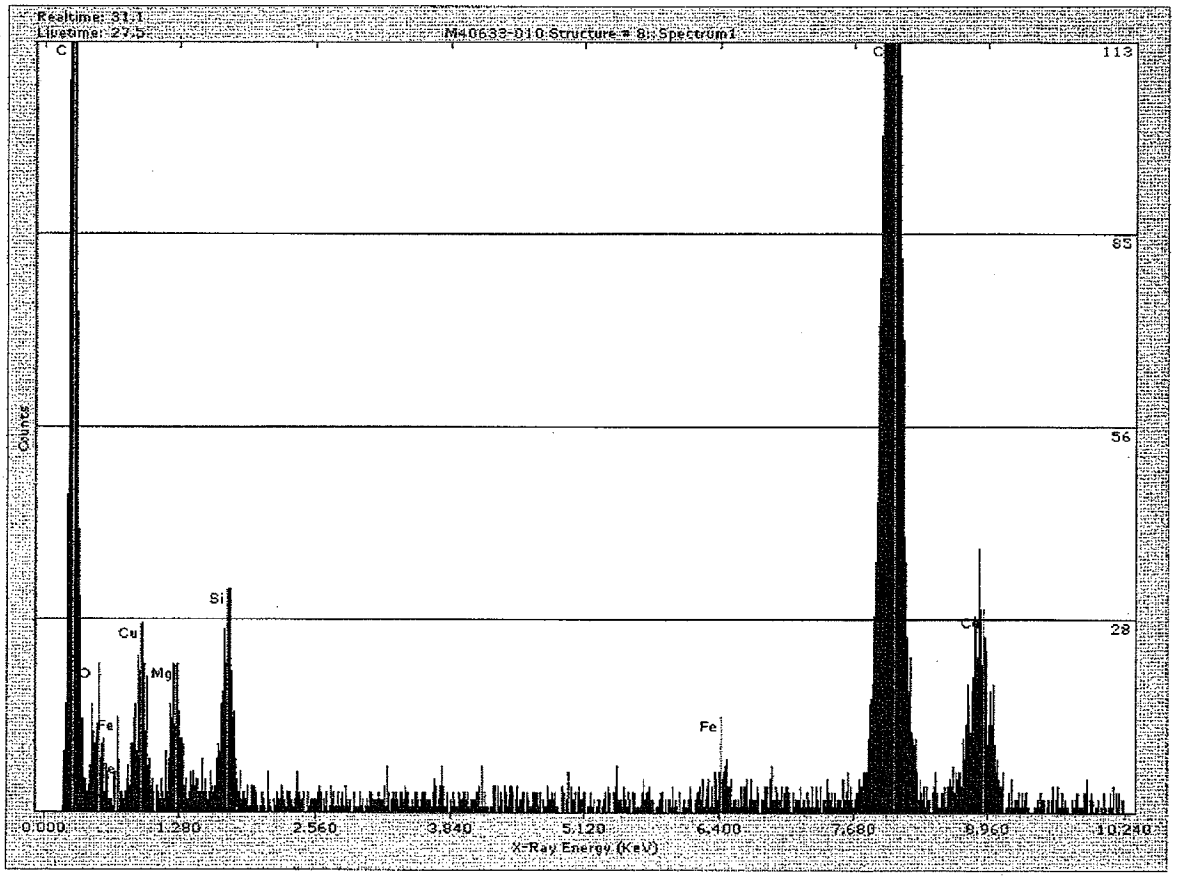

Realtime: 60.2
Livetime: 57.4
M4D533-010 Structure # 3: Spectrum1
Counts
113
85
56
28
C
O
Fe
Cu
Mg
Si
Fe
Cu
Cl
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)

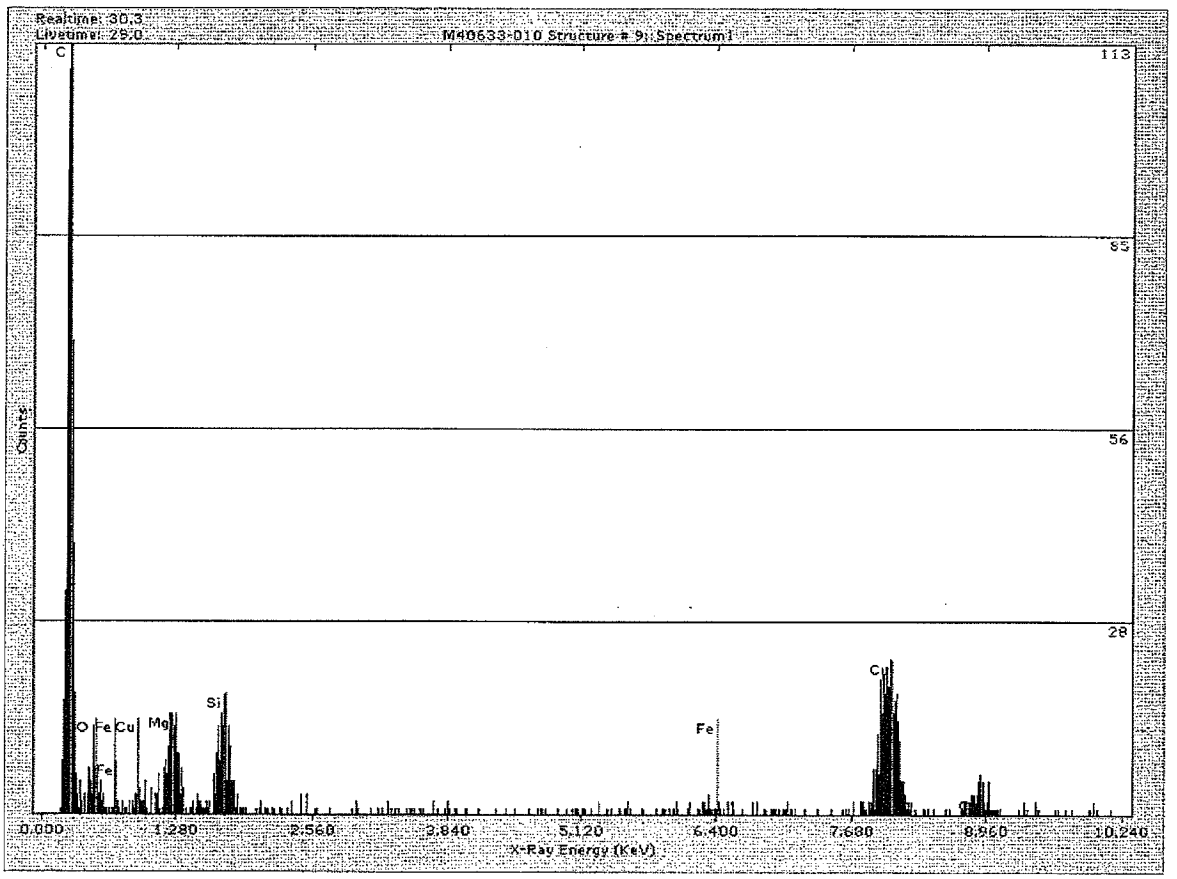

Realtime: 61.4
Livetime: 58.8
M406.33-010 Structure * 4: Spectrum1
C
O
Fe
Cu
Mg
Si
Fe
Fe
Cu
Cu
113
85
56
28
Counts
0.000
1.280
2.560
3.840
5.120
6.400
7.690
8.960
10.240
X-Ray Energy (KeV)

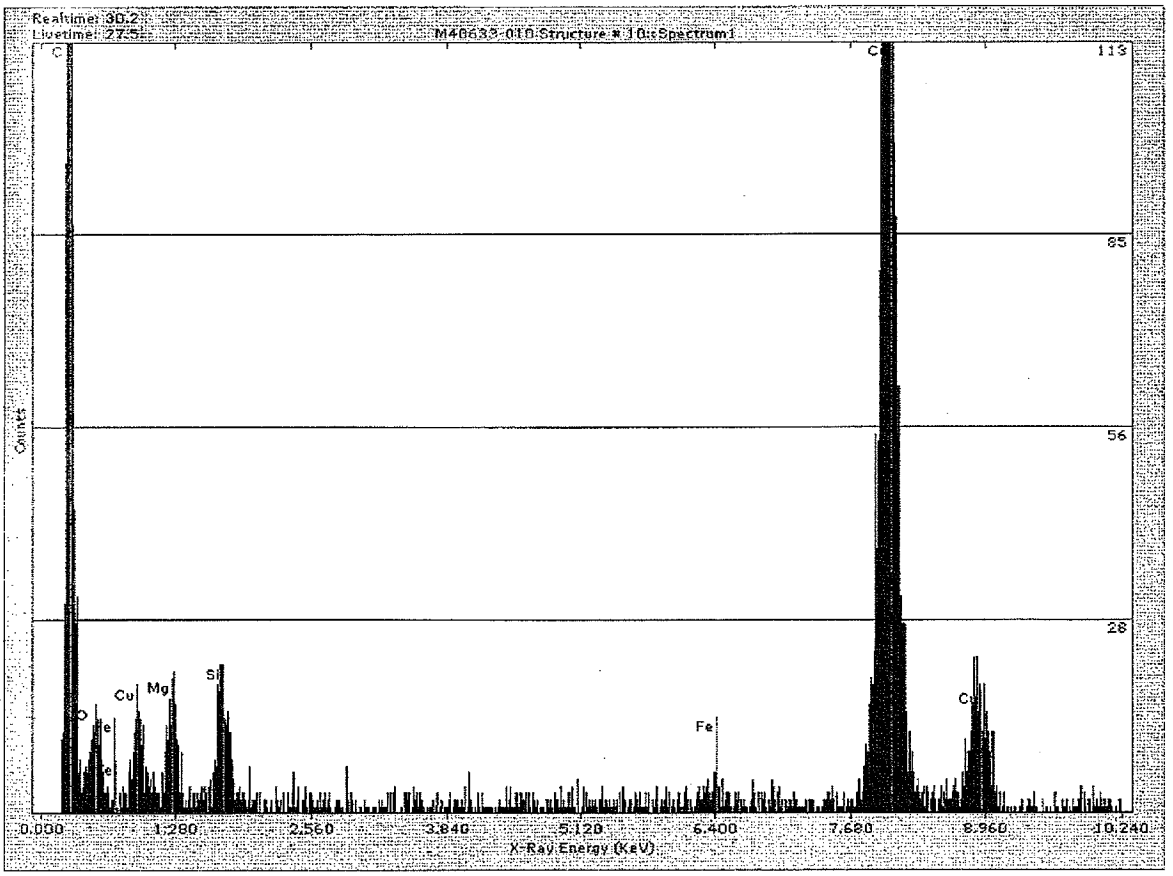

Realtime: 37.9
Livetime: 36.1
M50633-010 Structure # 5: Spectrum 1
Counts
113
85
56
28
C
O
Mg
Si
Fe
Cu
Fe
Cu
Ca
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)

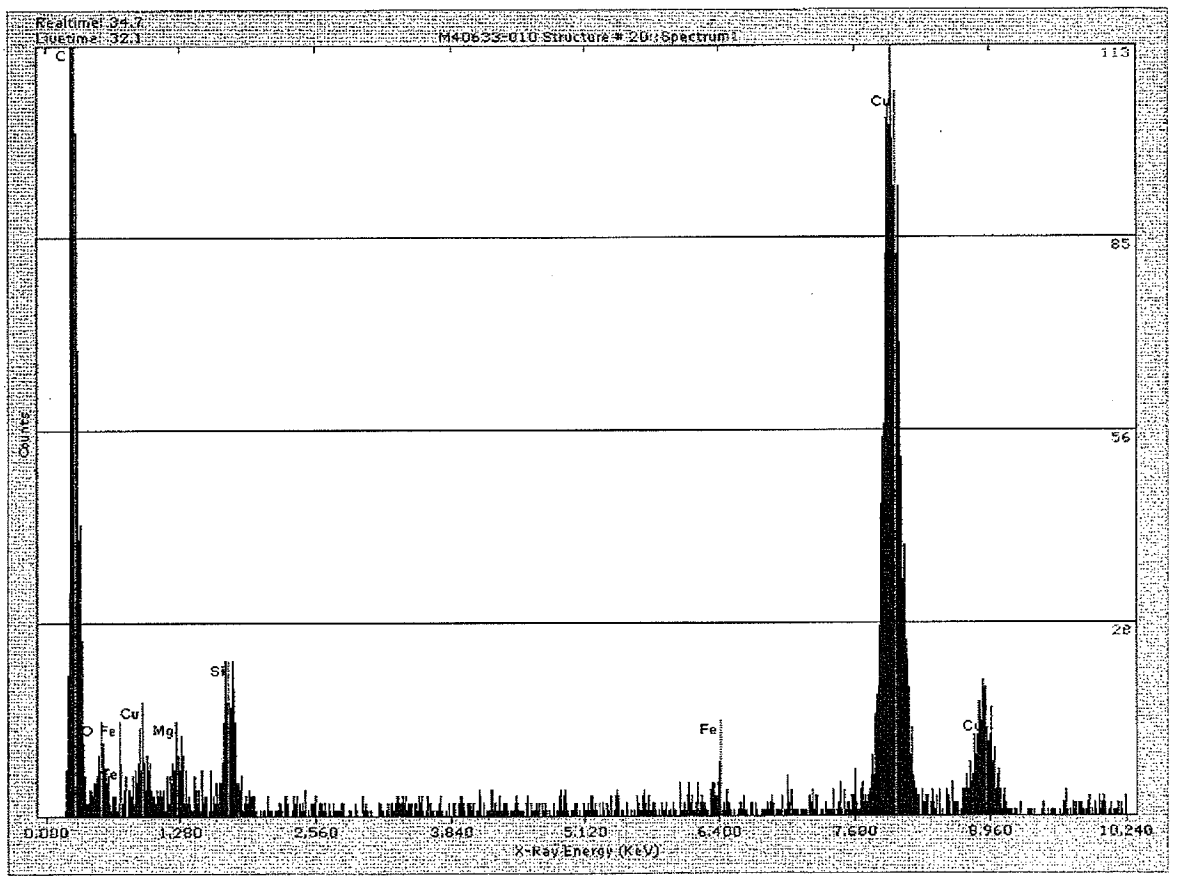

Realtime: 47.5
Livetime: 45.6
M900833-010 Structure # 6: Spectrum 1
C
O
Fe
Cu
Mg
Si
Fe
Fe
Cu
113
85
56
28
Counts
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)

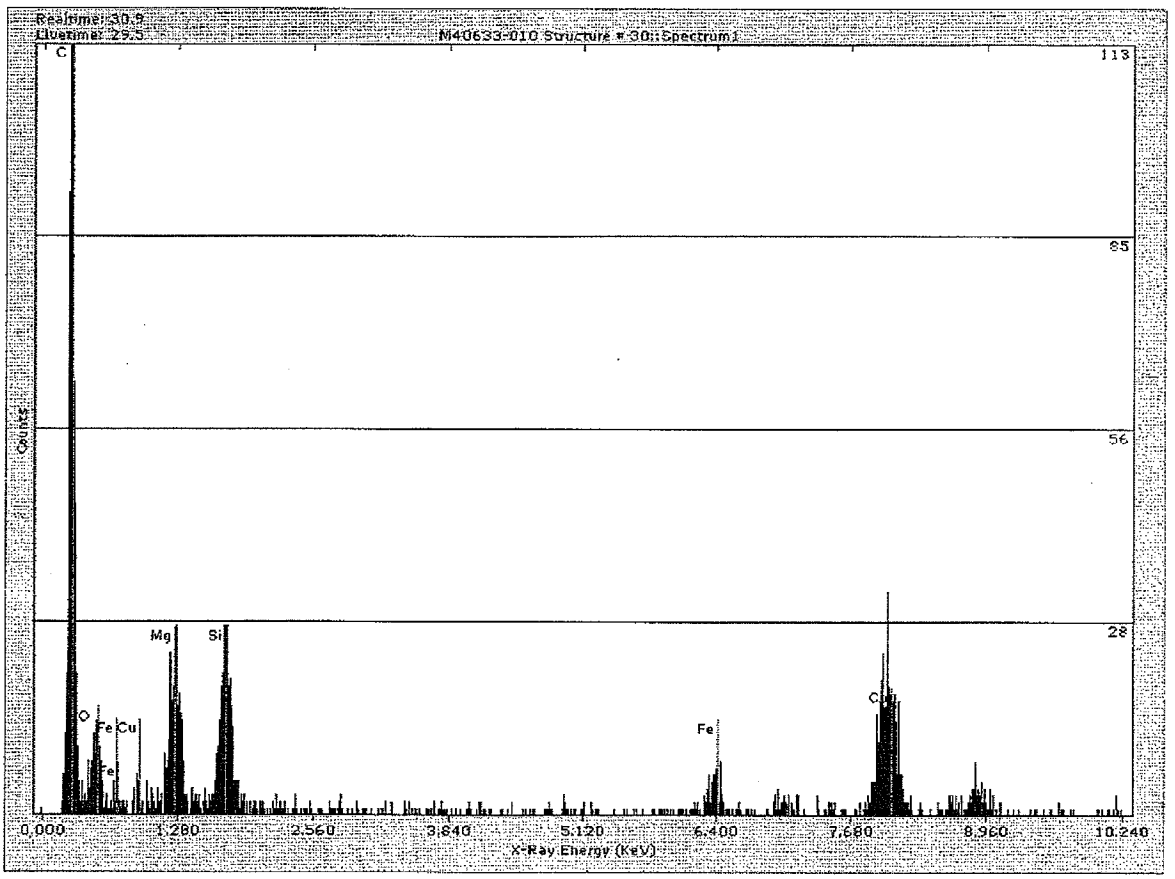

RealTime: 41.1
LiveTime: 39.2
MA0633-010 Structure # 7: Spectrum1
Counts
113
85
56
28
C
C
C
Cu
Mg
Si
Fe
Fe
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)

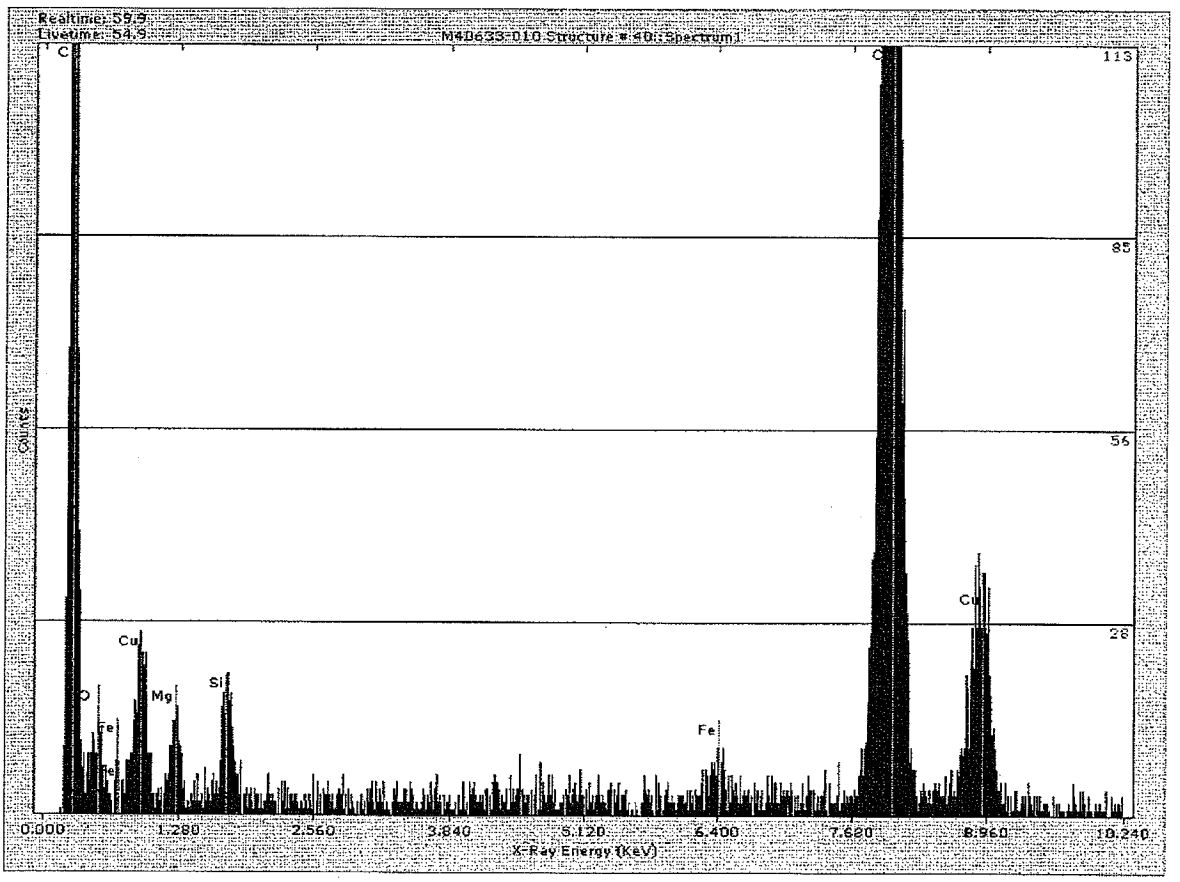

Realtime: 31.1
Livetime: 27.5
M40633-010 Structure = 8: Spectrum1
C
C
113
85
56
28
Counts
Si
Cu
O
Mo
Fe
Fe
Ca
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)

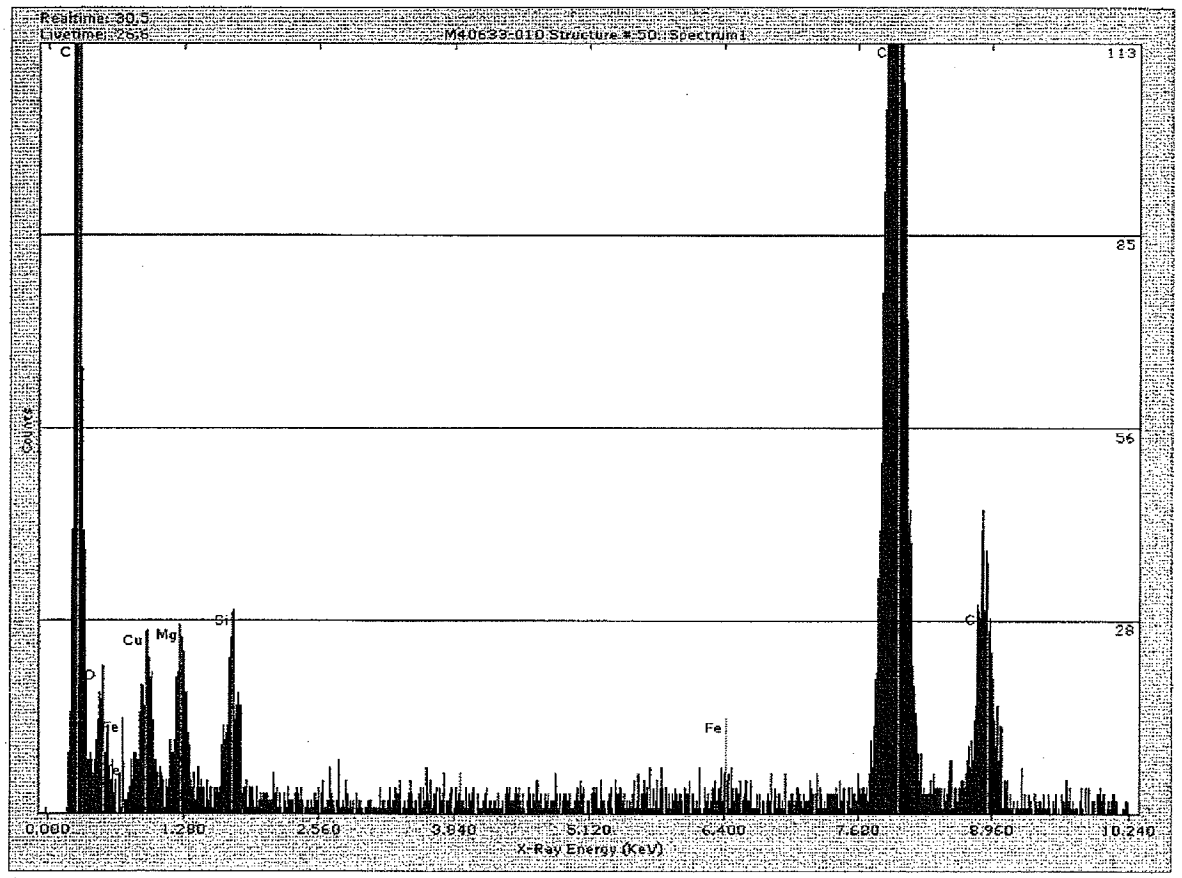

Realtime: 30.3
Livetime: 29.0
M40633-010 Structure # 9; Spectrum1
C
O
Fe
Cu
Mg
Si
Fe
Fe
Cu
113
85
56
28
Counts
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)

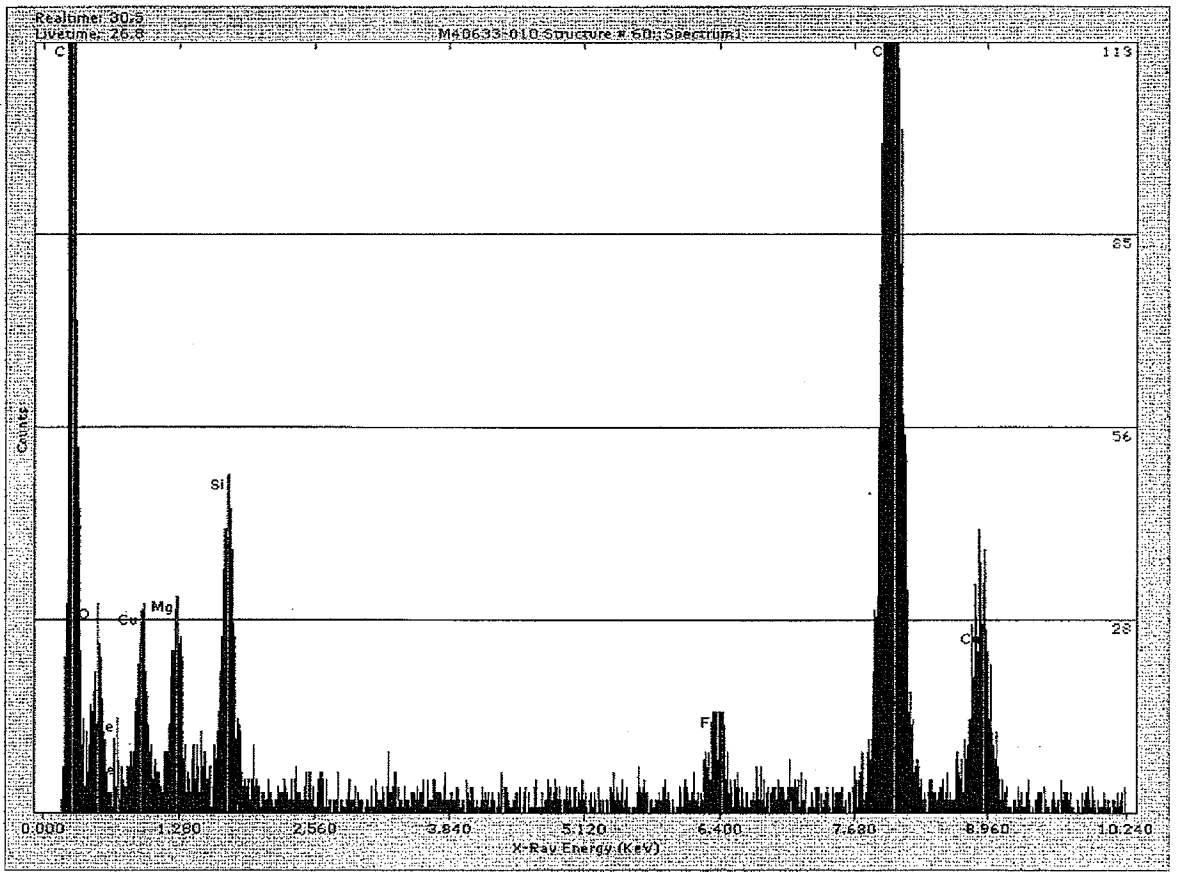

Realtime: 30.2
Livetime: 27.5
M46633-010 Structure # 10: Spectrum 1
C
C
113
85
56
28
Counts
O
Cu
Mg
Si
Fe
Cu
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)

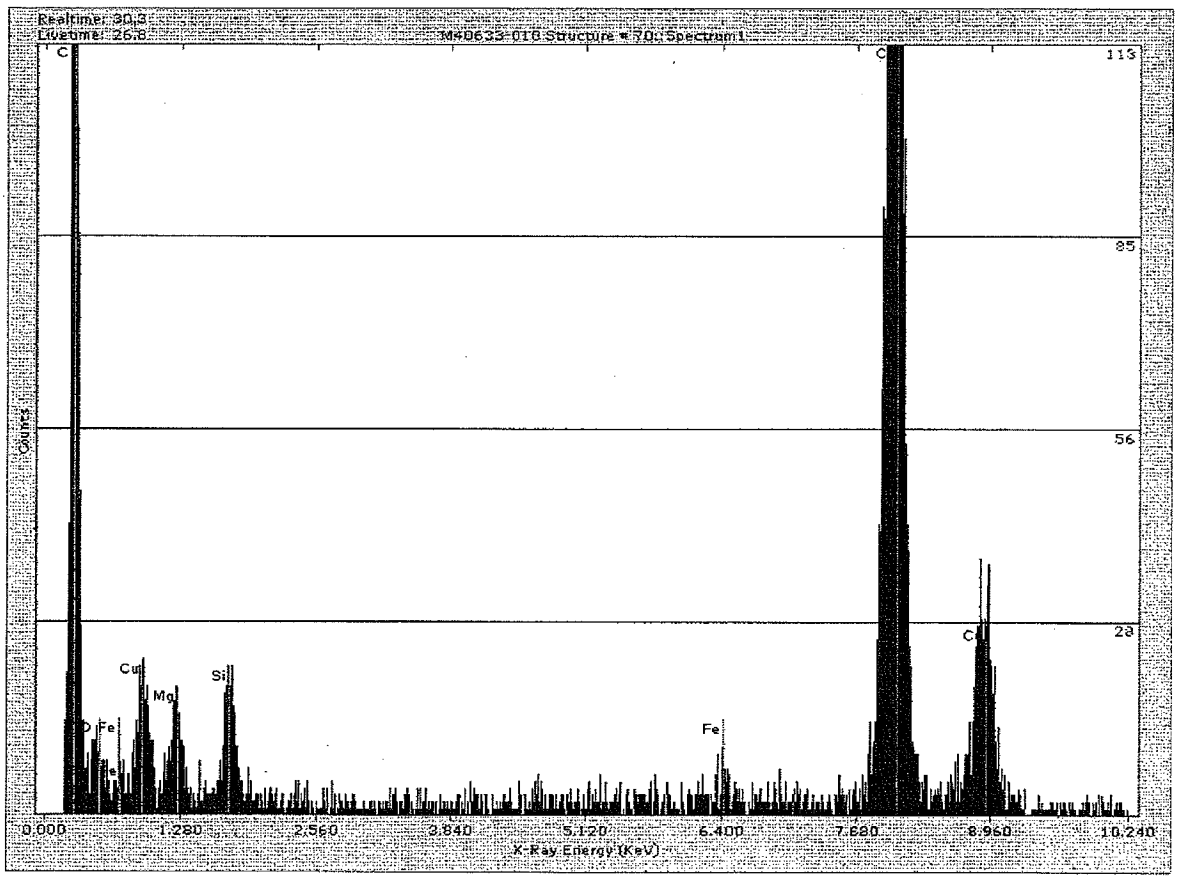

Realtime: 34.7
Livetime: 32.1
M40633-010 Structure # 20 : Spectrum 1
C
Cu
O
Fe
Cu
Mg
Si
Fe
Fe
Cu
113
85
56
28
Counts
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)


Realtime: 30.9
Livetime: 29.5
M40633-010 Structure = 30::Spectrum1
C
O
Fe
Cu
Fe
Mg
Si
Fe
Cu
113
85
56
28
Counts
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)


Realtime: 59.9
Livetime: 54.9
M4D633-010 Structure # 40: Spectrum1
C
O
Fe
Fe
Cu
Mg
Si
Fe
O
Cu
113
85
56
28
Counts
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)


Realtime: 30.5
Livetime: 25.9
M40639-01D Structure # 50: Spectrum 1
C
C
113
85
56
28
Counts
Cu
Mg
Si
O
Fe
Fe
Fe
Fe
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)


Realtime: 30.3
Livetime: 26.8
M40633-010 Structure # 60: Spectrum 1
Counts
113
85
56
28
C
O
Co
Mg
Si
Fe
F
Cl
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)


Realtime: 30.3
Livetime: 26.8
M#0633-010 Structure = 70: Spectrum1
C
C
113
85
56
28
Counts
Cu
Mg
Si
O
Fe
Fe
Fe
C
0.000
1.280
2.560
3.840
5.120
6.400
7.680
8.960
10.240
X-Ray Energy (KeV)

Amarillo Air Terminal

Amarillo International Airport

TEM DUST ANALYSIS M40633 011

Dies and Hile, LLP
Houston and Amarillo

Client Sample ID: AAT 1

Sample Area/ Volume:	100 cm2	Date Analyzed:	10/12/2006
Filter Type:	MCE 47mm	Analyst:	Kevin Simpson
Pore size:	0.45	Scope Number:	3
Effective Filter Area:	1297	Accelerating Voltage:	100 KV
Sample type:	Dust	Indicated Mag:	25 KX
Analysis type:	Dust	Screen Mag:	20 KX
Grid Acceptance	Yes 7 %	Grid_box:	7186

Str <5um:	99	Number of grids:	2	#1: 105	#3: 104	Average Grid Size:	0.010920
Str ≥5um:	17	Number of openings:	5	#2: 103	#4: 106	Total Area Analyzed:	0.055
Total Str:	116						

Volume Filtered	0.2 ml	Str / sqr ft	1.280E+10
Dilution Factor	500	Str / sqr ft >=5	1.876E+09
		Str / cm2	1.378E+07
		Str / cm2 >=5	2.019E+06

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
1	C2-14	C	F	3.70	0.05	X	X	☑	☐	☐
2		C	F	1.60	0.05	X	X	☑	☐	☐
3		C	F	6.50	0.10	X	X	☑	☐	☐
4		C	F	4.00	0.10	X	M36328	☑	☑	☐
5		C	B	1.00	0.20	X	X	☑	☐	☐
6		C	F	2.00	0.10	X	X	☑	☐	☐
7		C	F	7.00	0.10	X	X	☑	☐	☐
8		C	B	6.20	0.20	X	X	☑	☐	☐
9		C	C-F	3.00	1.00	X	X	☑	☐	☐
10		C	B	4.00	0.20	X	X	☑	☐	☐
11		C	B	4.30	0.20	X		☐	☐	☐
12		C	M-F	0.50	0.10	X		☐	☐	☐
13		C	F	1.50	0.10	X		☐	☐	☐

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C - Cluster

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
14		C	F	4.60	0.10	X		☐	☐	☐
15		C		1.60	0.10	X		☐	☐	☐
16		C	B	4.50	0.20	X		☐	☐	☐
17		C	F	1.00	0.10	X		☐	☐	☐
18		C	F	2.30	0.10	X		☐	☐	☐
19		C	F	6.70	0.10	X		☐	☐	☐
20		C	F	2.30	0.10	X	X	☑	☐	☐
21		C	F	2.40	0.10	X		☐	☐	☐
22		C	F	2.00	0.10	X		☐	☐	☐
23		C	F	1.00	0.10	X		☐	☐	☐
24	G4	C	M-F	1.50	0.10	X		☐	☐	☐
25		C	B	3.00	0.12	X		☐	☐	☐
26		C	F	0.80	0.10	X		☐	☐	☐
27		C	F	1.00	0.10	X		☐	☐	☐
28		C	F	0.70	0.10	X		☐	☐	☐
29		C	F	2.00	0.10	X		☐	☐	☐
30		C	F	8.00	0.10	X	X	☑	☐	☐
31		C	F	2.50	0.10	X		☐	☐	☐
32		C	F	3.00	0.10	X		☐	☐	☐
33		C	F	0.60	0.10	X		☐	☐	☐
34		C	B	2.20	0.30	X		☐	☐	☐
35		C	F	1.60	0.10	X		☐	☐	☐

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Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
36		C	F	0.50	0.10	X		☐	☐	☐
37		C	B	2.00	0.20	X		☐	☐	☐
38		C	B	2.00	0.13	X		☐	☐	☐
39		C	B	10.50	0.12	X		☐	☐	☐
40		C	F	3.30	0.10	X	X	☑	☐	☐
41		C	F	2.20	0.10	X		☐	☐	☐
42		C	F	0.60	0.10	X		☐	☐	☐
43		C	M-B	0.80	0.20	X		☐	☐	☐
44		C	F	4.50	0.10	X		☐	☐	☐
45		C	B	6.70	0.40	X		☐	☐	☐
46		C	F	0.50	0.10	X		☐	☐	☐
47		C	F	4.50	0.10	X		☐	☐	☐
48		C	B	1.00	0.20	X		☐	☐	☐
49		C	B	0.80	0.20	X		☐	☐	☐
50		C	F	0.50	0.10	X	X	☑	☐	☐
51		C	F	2.20	0.10	X		☐	☐	☐
52		C	F	0.50	0.10	X		☐	☐	☐
53		C	B	2.00	0.20	X		☐	☐	☐
54	C1-D5	C	B	2.30	0.25	X		☐	☐	☐
55		C	B	1.70	0.15	X		☐	☐	☐
56		C	F	2.00	0.10	X		☐	☐	☐
57		C	F	2.00	0.10	X		☐	☐	☐

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Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
58		C	B	2.30	0.12	X		☐	☐	☐
59		C	B	2.00	0.30	X		☐	☐	☐
60		C	B	0.80	0.20	X	X	☑	☐	☐
61		C	F	0.70	0.10	X		☐	☐	☐
62		C	F	0.80	0.10	X		☐	☐	☐
63		C	F	1.00	0.10	X		☐	☐	☐
64		C	B	2.50	0.20	X		☐	☐	☐
65		C	F	1.10	0.10	X		☐	☐	☐
66		C	B	4.00	0.20	X		☐	☐	☐
67		C	F	2.30	0.10	X		☐	☐	☐
68		C	F	2.10	0.10	X		☐	☐	☐
69		C	F	2.10	0.10	X		☐	☐	☐
70		C	F	4.50	0.10	X	X	☑	☐	☐
71		C	M-F	2.00	0.10	X		☐	☐	☐
72	D7	C	C-F	4.00	1.50	X		☐	☐	☐
73		C	F	1.80	0.10	X		☐	☐	☐
74		C	F	0.60	0.10	X		☐	☐	☐
75		C	F	0.70	0.10	X		☐	☐	☐
76		C	B	1.00	0.20	X		☐	☐	☐
77		C	B	5.50	0.20	X		☐	☐	☐
78		C	F	6.60	0.10	X		☐	☐	☐
79		C	F	2.00	0.10	X		☐	☐	☐

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Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
80		C	F	1.50	0.10	X	X	☑	☐	☐
81		C	F	1.20	0.10	X		☐	☐	☐
82		C	F	1.00	0.10	X		☐	☐	☐
83		C	F	4.00	0.10	X		☐	☐	☐
84		C	F	9.00	0.05	X		☐	☐	☐
85		C	F	1.00	0.10	X		☐	☐	☐
86		C	F	2.00	0.10	X		☐	☐	☐
87		C	F	2.60	0.10	X		☐	☐	☐
88		C	F	25.00	0.10	X		☐	☐	☐
89		C	F	3.00	0.10	X		☐	☐	☐
90		C	F	6.50	0.10	X	X	☑	☐	☐
91		C	B	3.00	0.12	X		☐	☐	☐
92		C	F	2.00	0.10	X		☐	☐	☐
93		C	F	0.60	0.10	X		☐	☐	☐
94		C	B	7.20	0.25	X		☐	☐	☐
95		C	F	1.20	0.10	X		☐	☐	☐
96	D9	C	F	15.00	0.10	X		☐	☐	☐
97		C	B	4.30	0.30	X		☐	☐	☐
98		C	F	2.50	0.10	X		☐	☐	☐
99		C		2.00	0.10	X		☐	☐	☐
100		C	F	3.20	0.10	X		☐	☐	☐
101		C	F	7.00	0.10	X		☐	☐	☐

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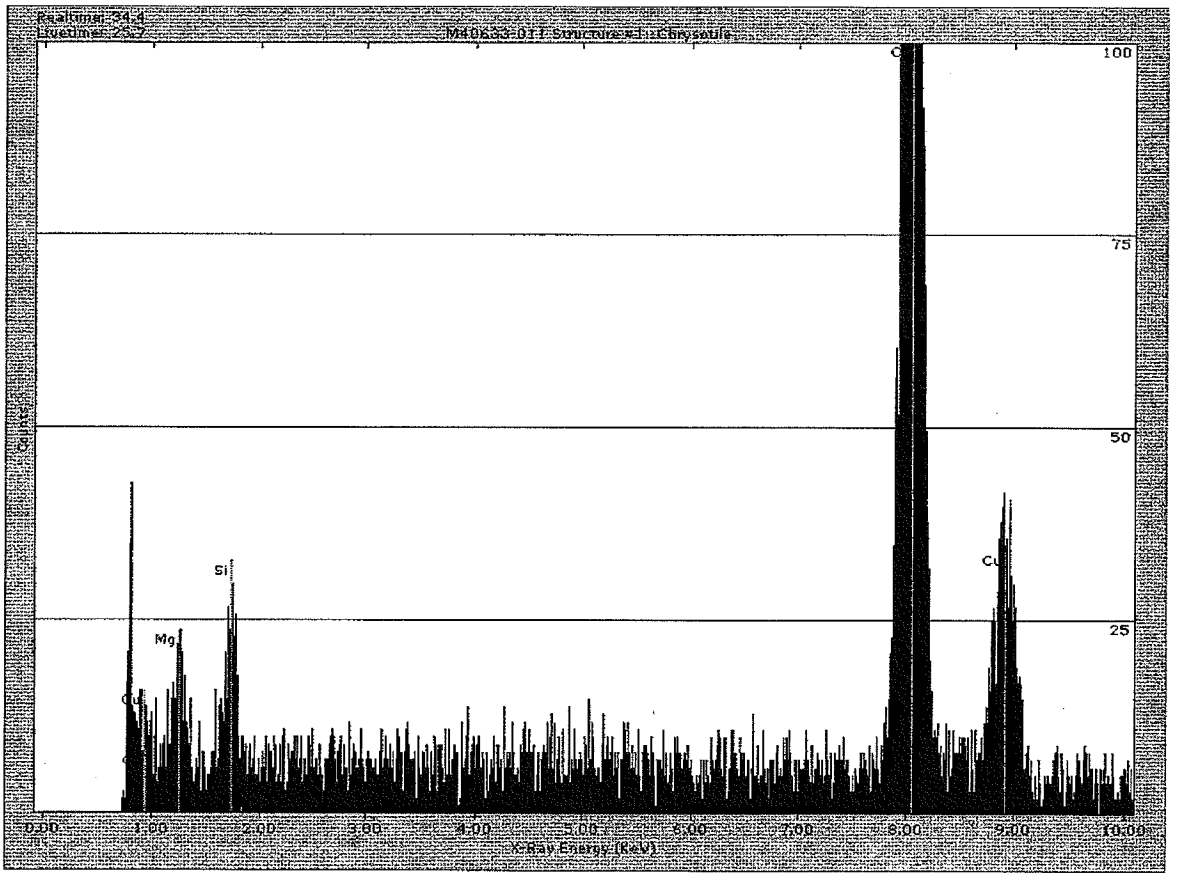
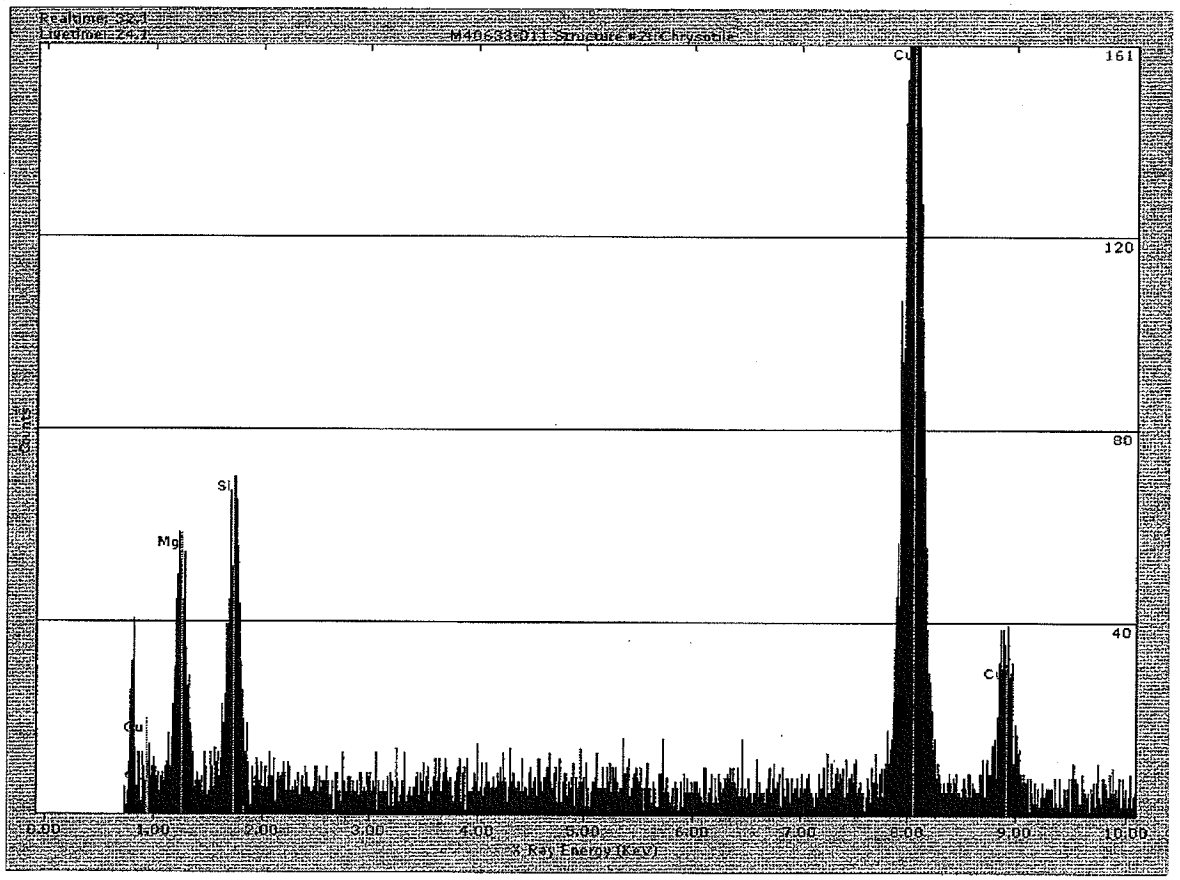
F - Fiber
B - Bundle
M - Matrix
C - Cluster

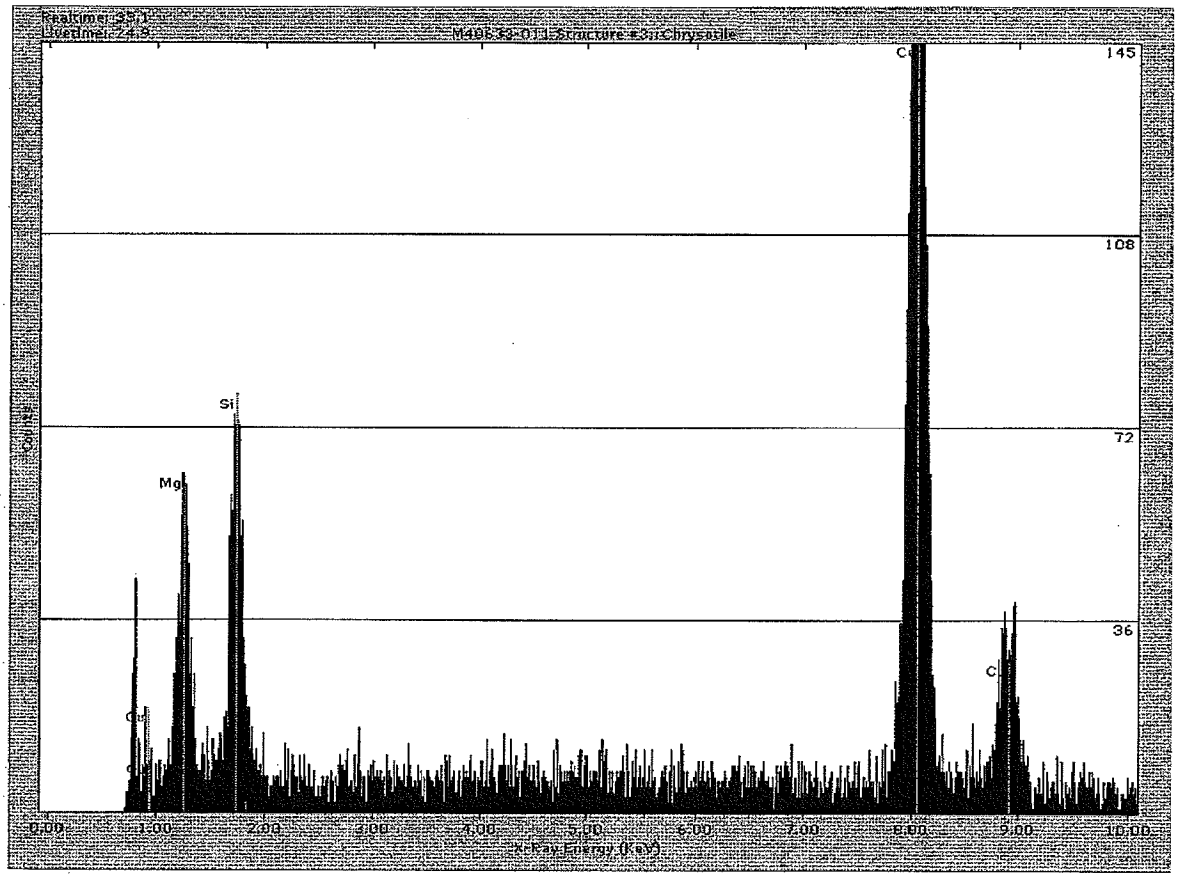
Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
102		C	F	2.20	0.10	X		☐	☐	☐
103		C	F	5.00	0.10	X		☐	☐	☐
104		C	F	3.00	0.10	X		☐	☐	☐
105		C	F	1.20	0.10	X		☐	☐	☐
106		C	F	5.00	0.10	X		☐	☐	☐
107		C	F	0.60	0.10	X		☐	☐	☐
108		C	F	2.50	0.10	X		☐	☐	☐
109		C	F	3.70	0.10	X		☐	☐	☐
110		C	F	3.50	0.10	X	X	☑	☐	☐
111		C	M-F	2.00	0.10	X		☐	☐	☐
112		C	F	3.00	0.10	X		☐	☐	☐
113		C	M-F	2.00	0.10	X		☐	☐	☐
114		C	B	2.50	0.20	X		☐	☐	☐
115		C	B	1.60	0.20	X		☐	☐	☐
116		C	F	0.60	0.10	X		☐	☐	☐
									M40633	011

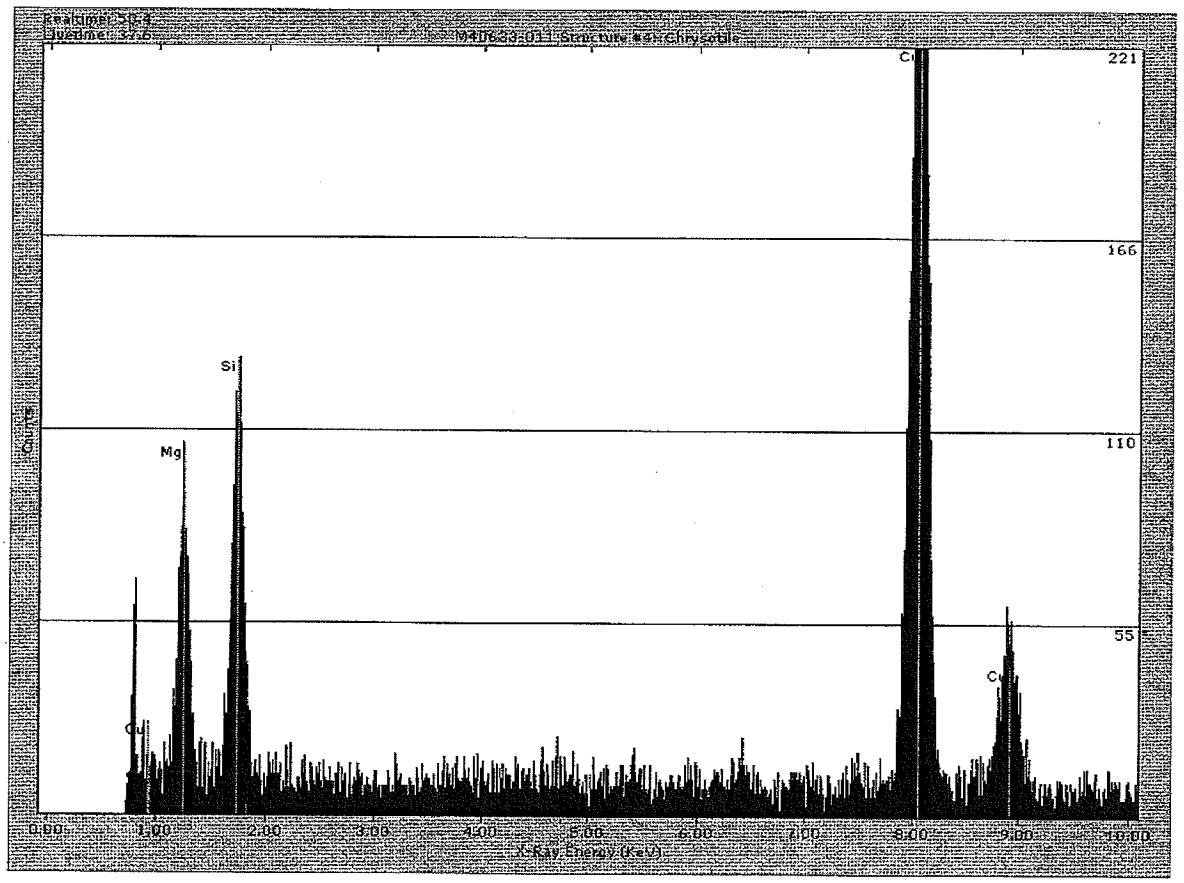
C - Chrysotile
TR - Tremolite
CR - Crocidolite
AN - Anthophyllite
AC - Actinolite

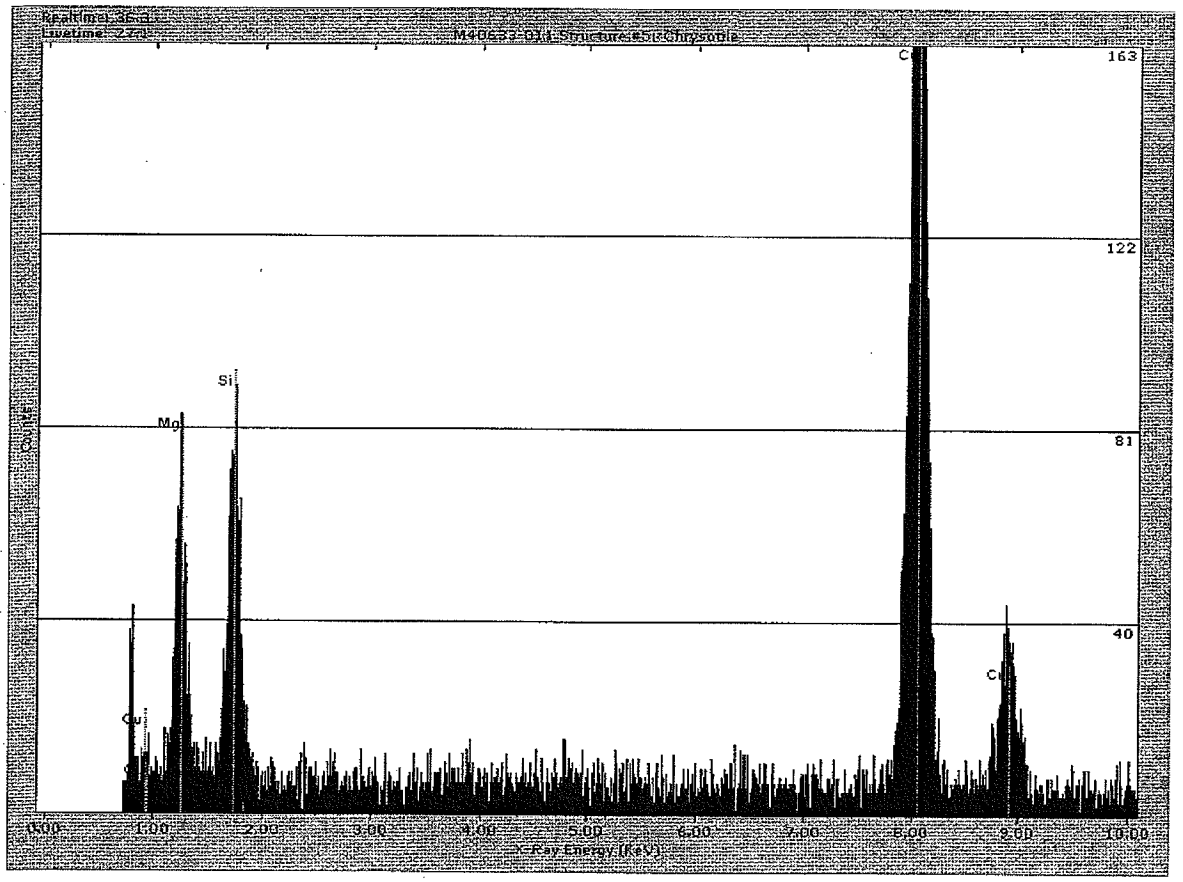
NSD - No Structure Detected
F - Fiber
B - Bundle
M - Matrix
C - Cluster

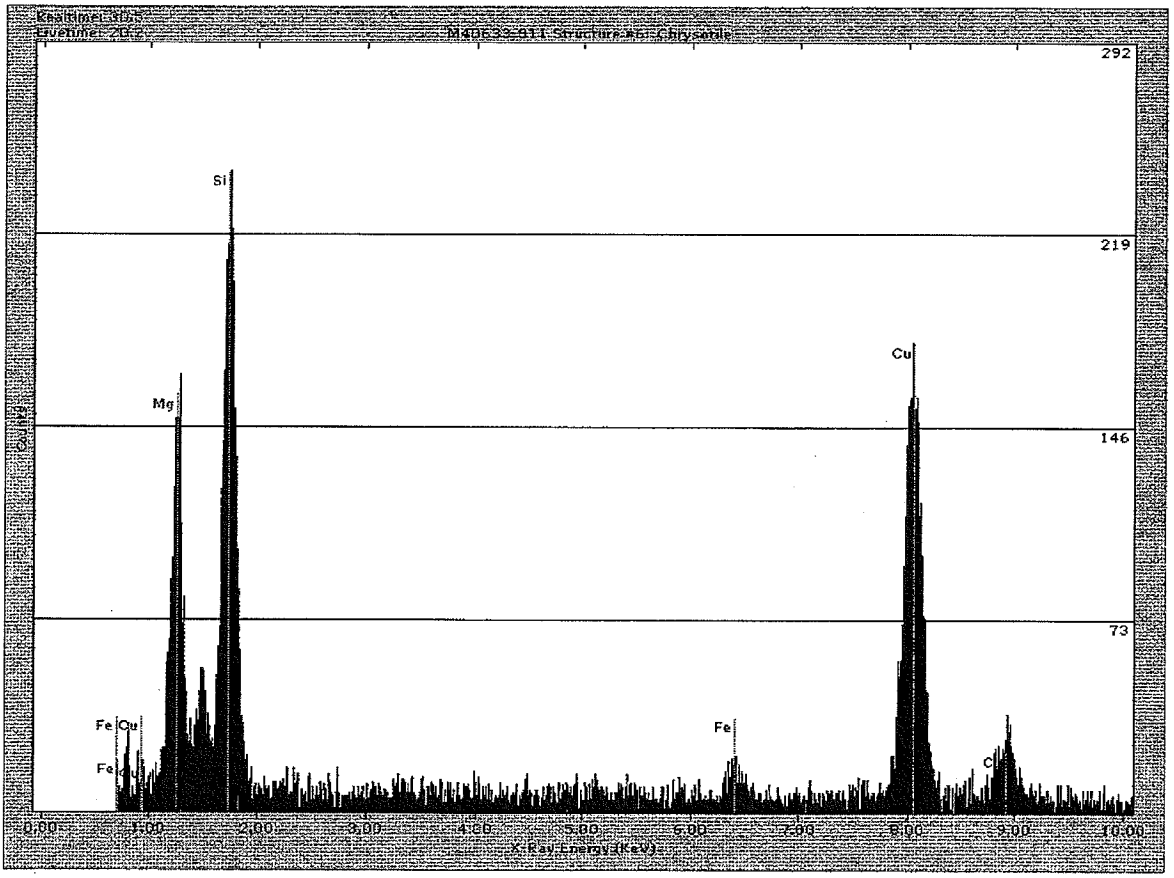

Realtime: 34.4
Livetime: 28.7
M10633-01 Structure #1 : Chrysotile
Counts
100
75
50
25
Mg
Si
Cu
Cu
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (KeV)

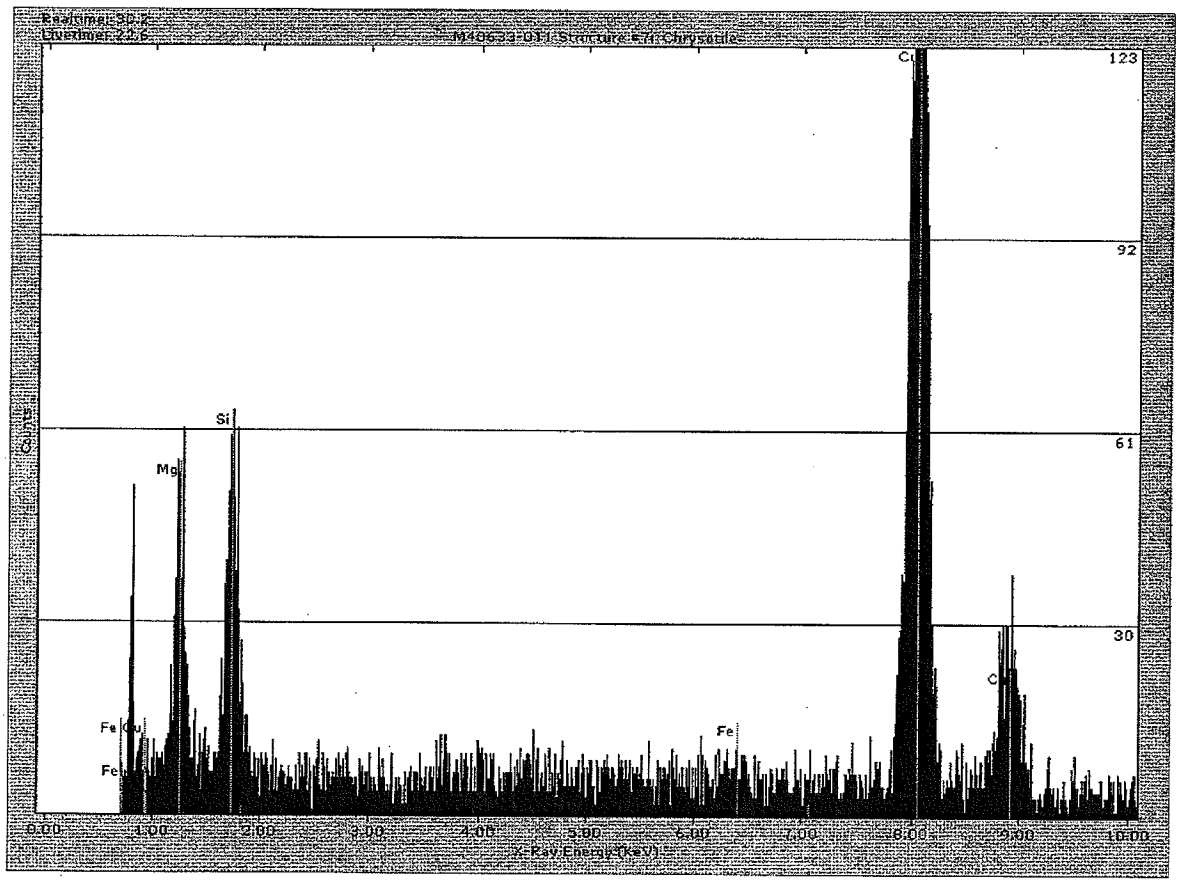

Cu
161
120
80
40
Si
Mg
Cu
Cu
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (KeV)

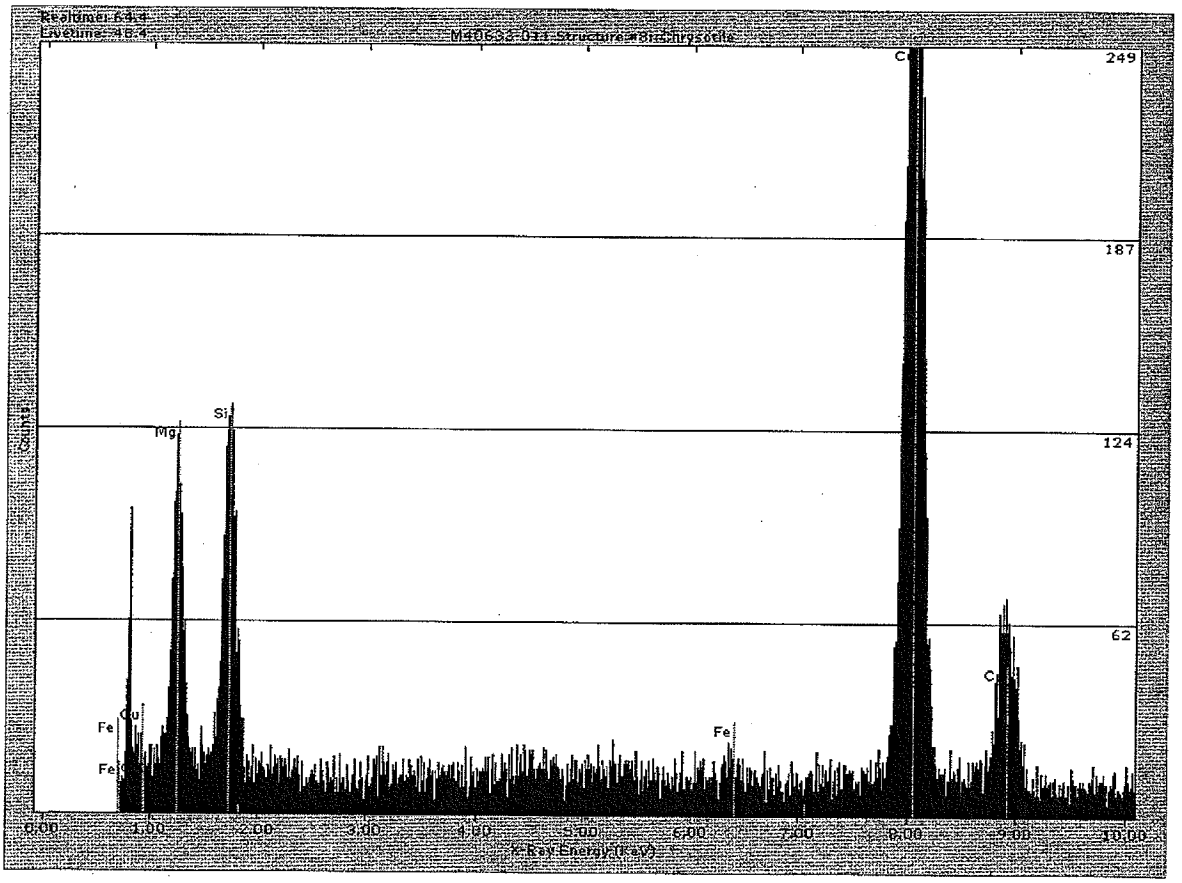

Realtime: 35.1
Livetime: 24.9
M49L32-01 1:Structure e3:Chrysotile
Cps
145
108
72
36
Si
Mg
Ca
Cl
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (Key)

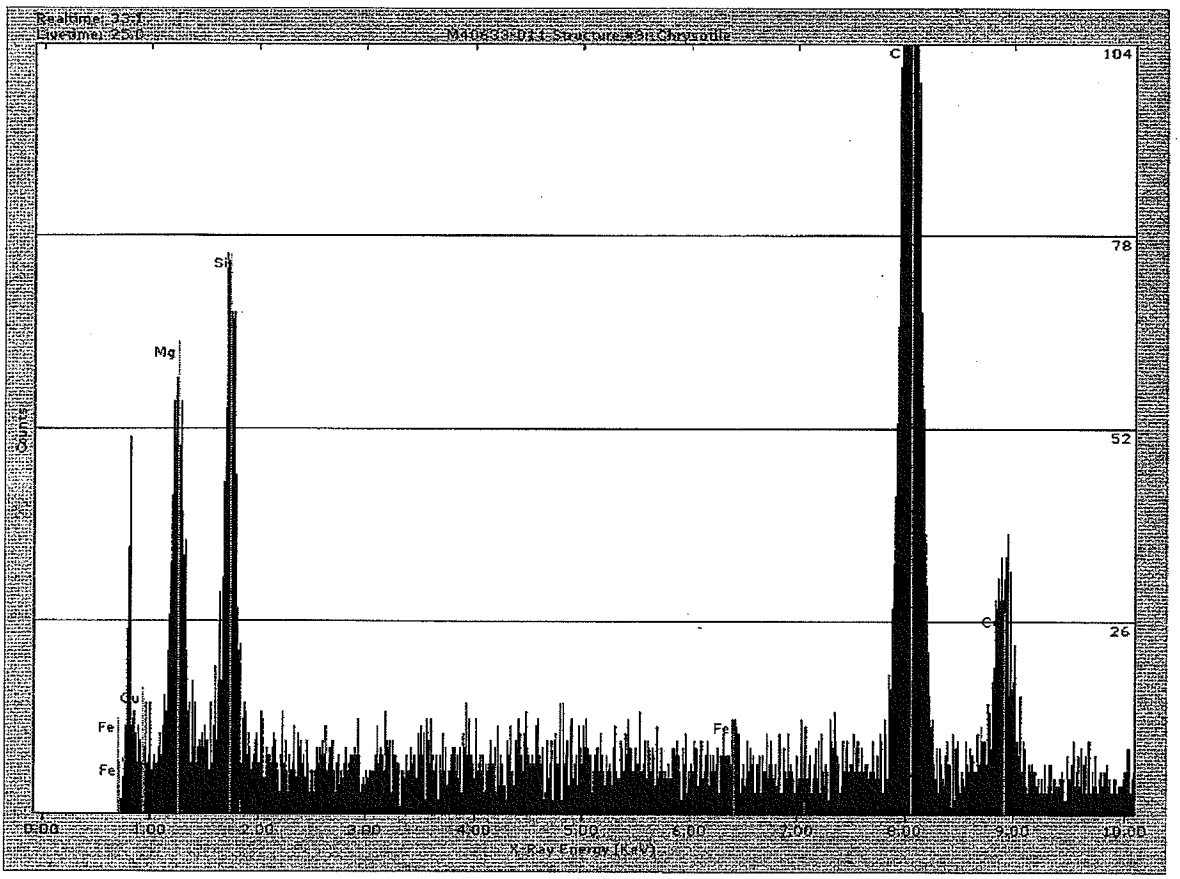

Realtime: 30.4
Livetime: 27.6
M4D633-01 Structure #1 Chrysotile
Cps
221
166
110
55
Si
Mg
Cu
Ca
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (keV)

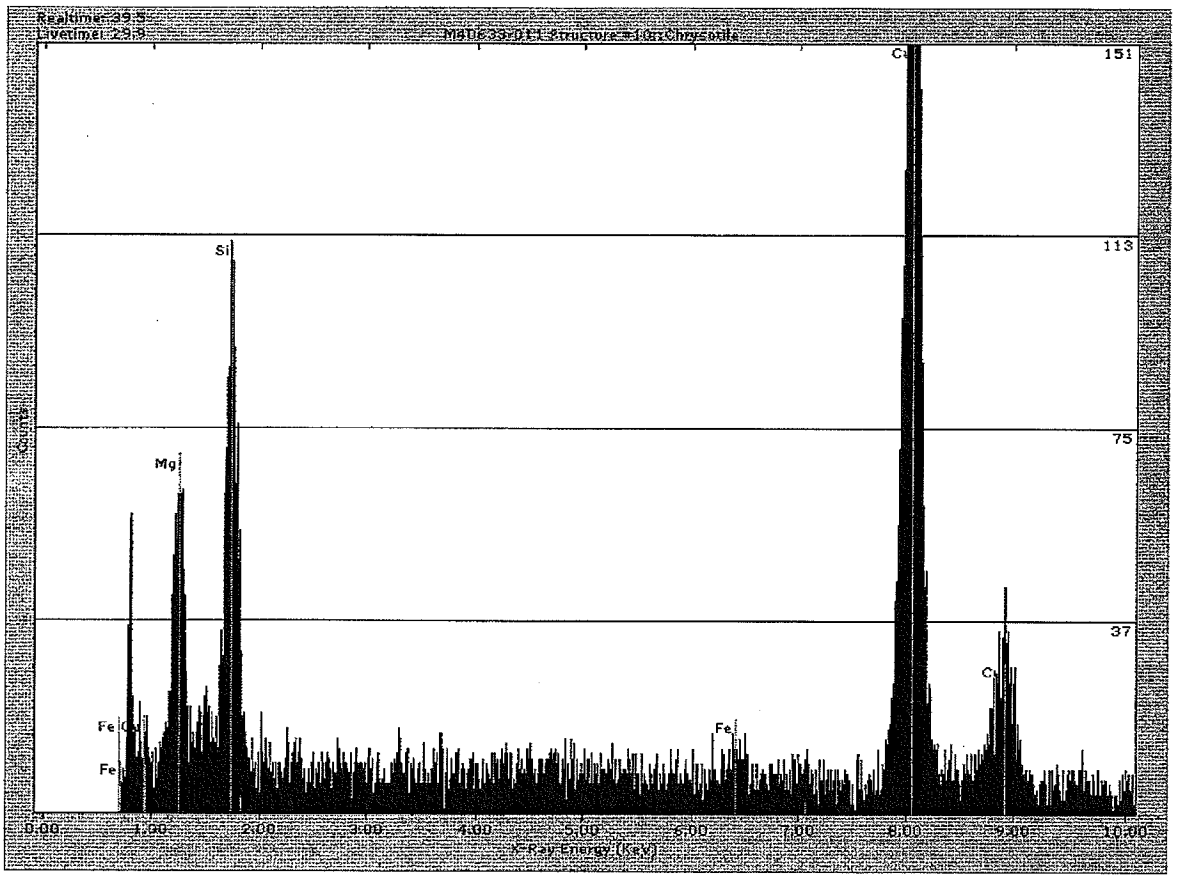

Si
Mg
Cu
Cl
163
122
81
40
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (KeV)

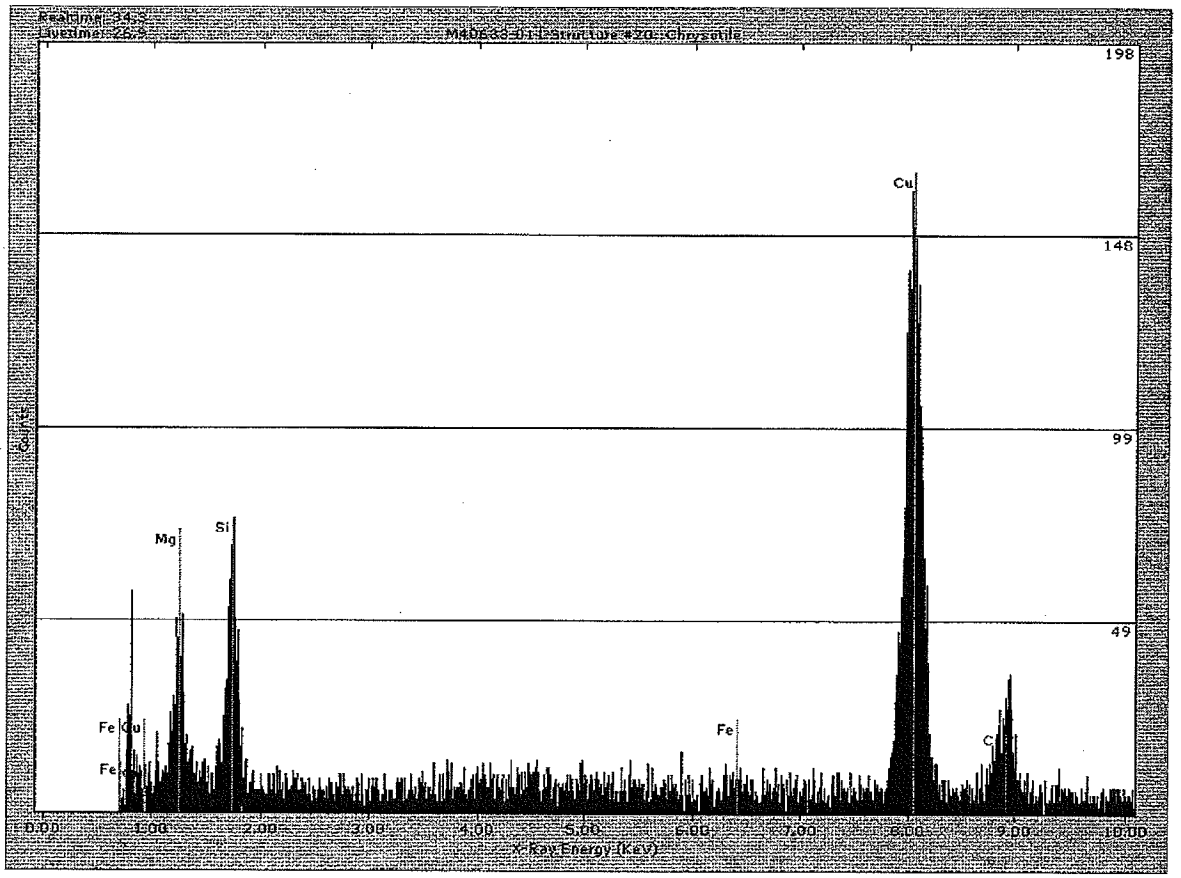

292
219
146
73
Si
Mg
Cu
Fe
Cu
Fe
Cu
Fe
Cl
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (KeV)

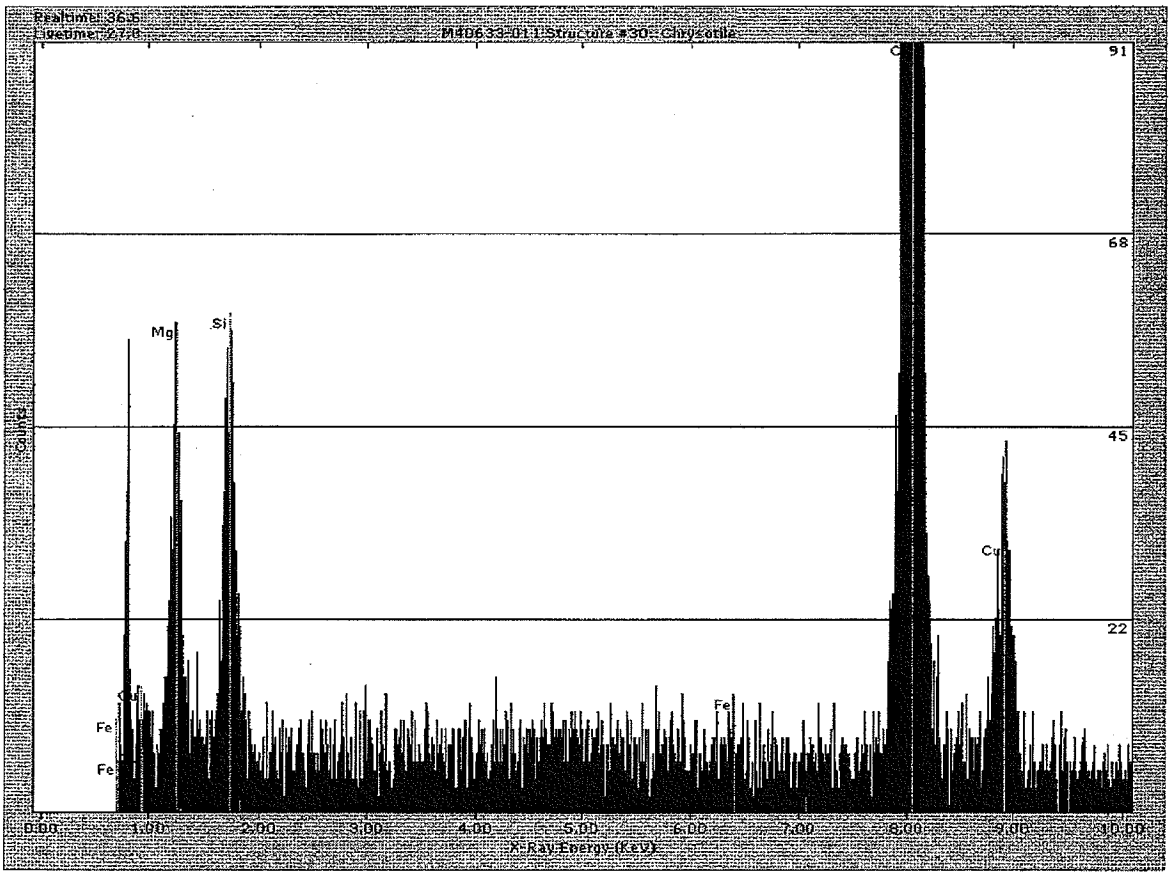

Realtime: 30.2
Livetime: 22.6
M40639-011 Structure E.M. Chrysotile
123
92
61
30
Si
Mg
Fe
Cu
Fe
Fe
Cl
Cl
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (Kev)

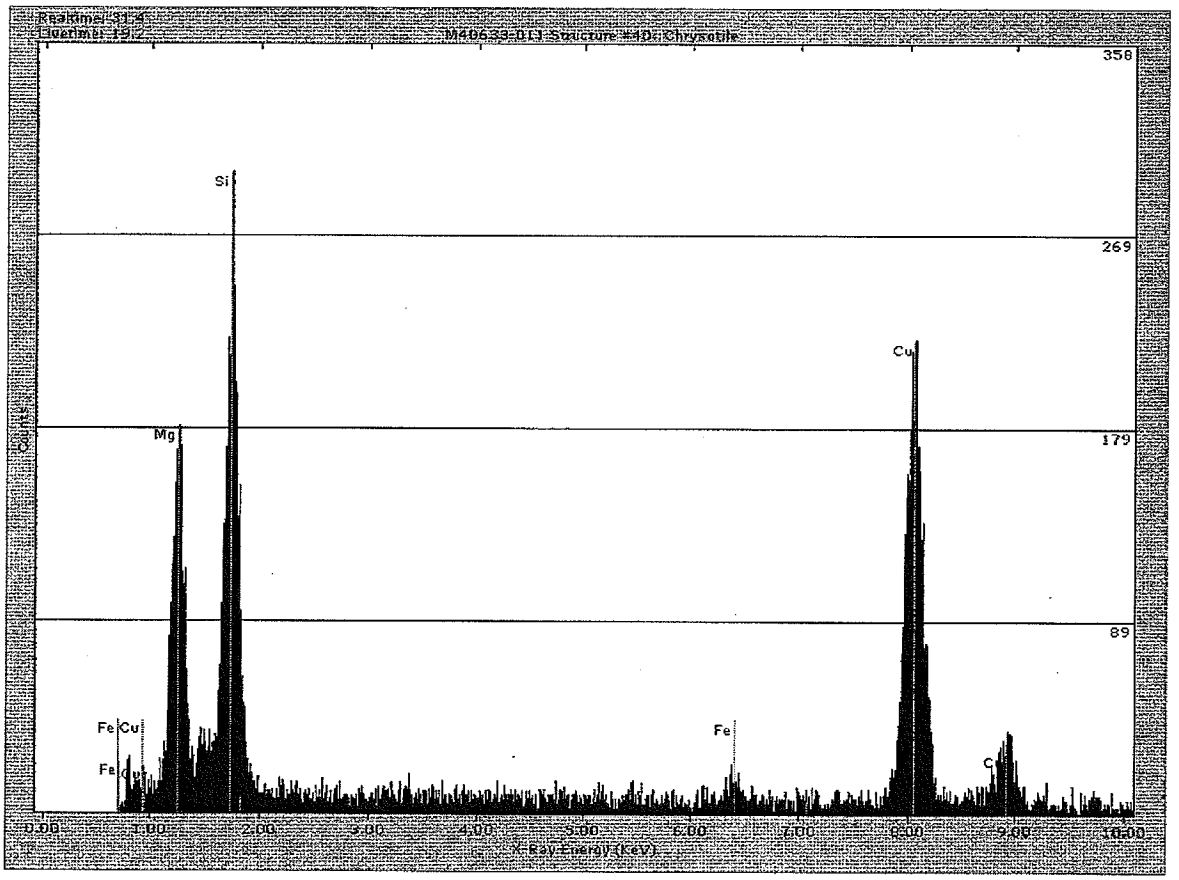

Realtime: 64s
Livetime: 48.4
M40632-011 Structure #Brachrysotile
Counts
249
187
124
62
Mg
Si
Cu
Fe
Fe
Fe
Cl
Cl
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (keV)

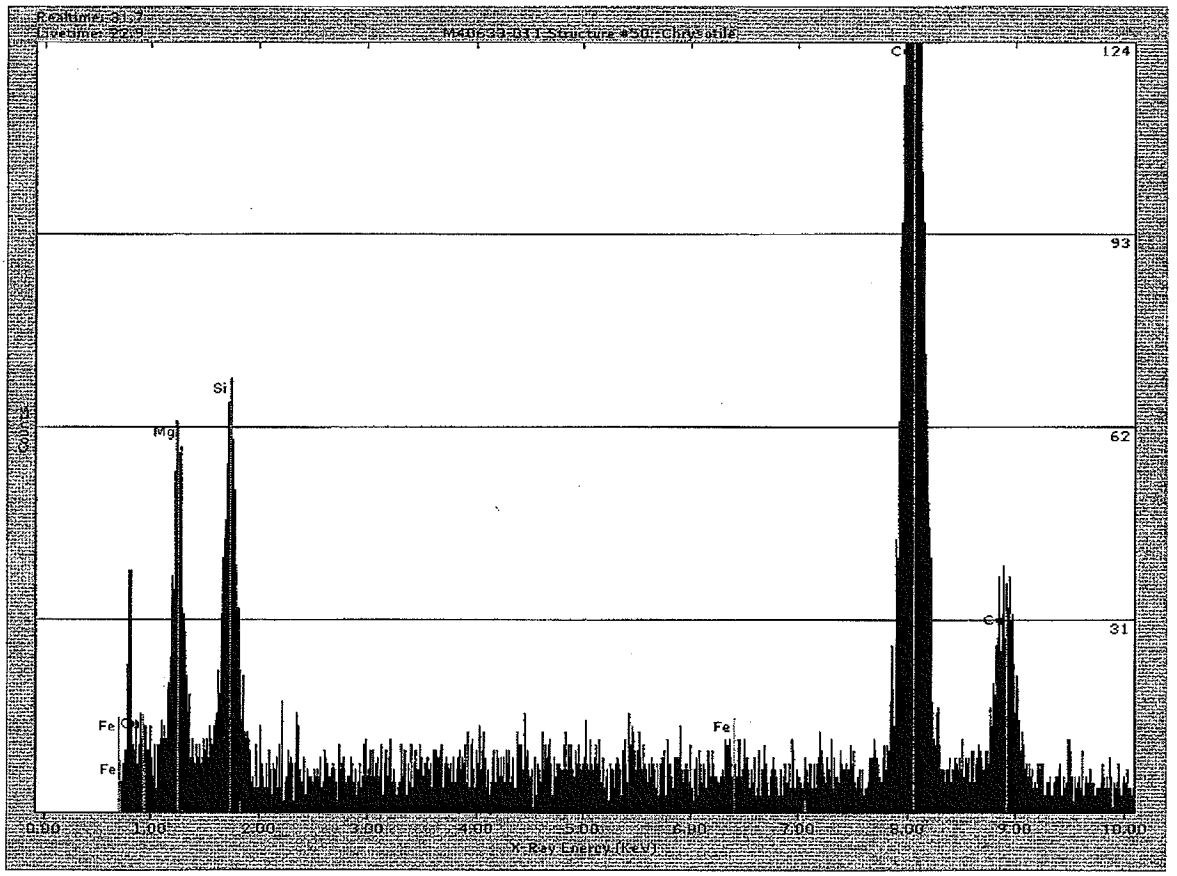

Realtime: 32.1
Livetime: 25.0
M408-39-011 Structure #9 Chrysotile
C
104
78
52
26
Si
Mg
Ca
Fe
Fe
Fe
Counts
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (KeV)


Realtime: 39.9
Livetime: 29.9
M4DE33-011 Structure #1 0% Chrysotile
Cu
151
113
75
37
Counts
Si
Mg
Fe
Ca
Fe
Fe
Cu
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (Kev)


Realtime: 34:3
Livetime: 26:3
198
148
99
49
Cu
Mg
Si
Fe
Cu
Fe
Fe
Cl
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (Kev)


Mg
Si
Fe
Fe
Fe
Cu
91
68
45
22
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (KeV)


Realtime: 31:4
Livetime: 19:2
M40639-01] Sample #4D: Chrysotile
358
269
179
89
Si
Mg
Cu
Fe
Cu
Fe
Cu
Fe
Cl
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (KeV)


Realtime: 31.7
Livetime: 22.9
M40639-011 Structure #50 - Chrysolite
C
124
93
62
31
Si
Mg
Fe
Fe
Fe
Cr
0.00
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
X-Ray Energy (keV)